

Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowdsourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automate and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 22 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Entrepreneurship		12-M-UGF3-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module provides an introduction into digital entrepreneurship and digital transformation. (1) Introduction (2) Digital business models (3) Identifying and exploiting opportunities for digital entrepreneurship (4) Strategies for creating competitive advantage in digital entrepreneurship (5) Digital marketing for entrepreneurs (6) Crowdfunding for entrepreneurs (7) Design thinking (8) Lean startup (9) Platform ecosystems and online communities (10) Digital strategy and digital transformation (11) The agile organization (12) Crowdsourcing (13) Cyberfraud (14) Wrap-up and Q&amp;A</p>		
Intended learning outcomes		
<p>Educational aims: Clarify the role of digital entrepreneurship and digital transformation. Explain theoretical concepts and mechanisms behind digital entrepreneurship and digital transformation. Enable students to critically appraise alternative approaches to digital entrepreneurship and digital transformation. Enable students to evaluate the boundaries and risks of digital entrepreneurship and digital transformation</p> <p>Learning outcomes: On successful completion of this module students will be able to (1) Assess the role of digital entrepreneurship and digital transformation for creating and sustaining competitive advantage, (2) Create and evaluate concepts related to digital entrepreneurship and digital transformation, (3) Make judgements about the organizational and managerial implications of digital entrepreneurship and digital transformation, (4) Systematically choose between different routes of action.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)		
Language of assessment: English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Human-Computer-Interaction (2018)		
Master's degree (1 major) Management (2018)		
Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 28 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Human-Computer-Interaction (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
E-Business Strategies			12-M-IBS-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The module provides an overview of strategic implications of digital technologies at the level of organisations, industries and value networks. To this end, concepts and frameworks from strategic technology management are applied to digital innovations and illustrated with numerous examples. In the accompanying exercise, case studies of well-known digital companies and their business models are analysed and discussed.			
Intended learning outcomes			
- Understand theoretical concepts of strategy development and implementation in the context of digital technologies.			
- Apply different frames of reference and understand their strengths and weaknesses in the context of practical application.			
- Transfer the concepts to real business situations			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
40 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)			
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## Core Electives

(40 ECTS credits)

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Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowdsourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automate and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 32 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
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<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Entrepreneurship		12-M-UGF3-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module provides an introduction into digital entrepreneurship and digital transformation. (1) Introduction (2) Digital business models (3) Identifying and exploiting opportunities for digital entrepreneurship (4) Strategies for creating competitive advantage in digital entrepreneurship (5) Digital marketing for entrepreneurs (6) Crowdfunding for entrepreneurs (7) Design thinking (8) Lean startup (9) Platform ecosystems and online communities (10) Digital strategy and digital transformation (11) The agile organization (12) Crowdsourcing (13) Cyberfraud (14) Wrap-up and Q&amp;A</p>		
Intended learning outcomes		
<p>Educational aims: Clarify the role of digital entrepreneurship and digital transformation. Explain theoretical concepts and mechanisms behind digital entrepreneurship and digital transformation. Enable students to critically appraise alternative approaches to digital entrepreneurship and digital transformation. Enable students to evaluate the boundaries and risks of digital entrepreneurship and digital transformation</p> <p>Learning outcomes: On successful completion of this module students will be able to (1) Assess the role of digital entrepreneurship and digital transformation for creating and sustaining competitive advantage, (2) Create and evaluate concepts related to digital entrepreneurship and digital transformation, (3) Make judgements about the organizational and managerial implications of digital entrepreneurship and digital transformation, (4) Systematically choose between different routes of action.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)		
Language of assessment: English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Human-Computer-Interaction (2018)		
Master's degree (1 major) Management (2018)		
Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 40 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Human-Computer-Interaction (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
E-Business Strategies		12-M-IBS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module provides an overview of strategic implications of digital technologies at the level of organisations, industries and value networks. To this end, concepts and frameworks from strategic technology management are applied to digital innovations and illustrated with numerous examples. In the accompanying exercise, case studies of well-known digital companies and their business models are analysed and discussed.		
Intended learning outcomes		
<ul style="list-style-type: none"> <li>- Understand theoretical concepts of strategy development and implementation in the context of digital technologies.</li> <li>- Apply different frames of reference and understand their strengths and weaknesses in the context of practical application.</li> <li>- Transfer the concepts to real business situations</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
40 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 42 / 1020

Module title			Abbreviation
Communication in Business and Economics			12-M-BUC-182-m01
Module coordinator		Module offered by	
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture names introductory relevant communication models. Furthermore, the theoretical models of PR are discussed. The added value of communication for companies, business, politics, and science is explained. The discrepancy between journalism and PR is discussed, as well as the basic elements, instruments, goals, and forms of PR. The preparation and implementation of press meetings, conferences, campaigns, and events will be systematically explained, and the central aspects of corporate communications will be outlined. The exercise deals with the practical implementation of journalistic styles in the various media and provides an overview of the possibilities and concepts of PR work across different media and target groups.			
Intended learning outcomes			
After participating in the module courses, students are able to understand and apply PR and its forms, elements as well as methods and in a holistic context. Students learn professional competencies in the field of (business) communication with regard to reflection, argumentation, and exchange as a PR consultant in different areas. In addition, students will be able to apply concrete PR instruments in practice and prepare them professionally.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: English creditable for bonus			
Allocation of places			
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Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 43 / 1020

Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
<b>Intended learning outcomes</b>		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 45 / 1020



Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
E-Commerce II		12-M-EC2-182-mo1
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 47 / 1020

Module title		Abbreviation
Mass Media Processes and Effects		o6-MK-MKW1-Ex-182-mo1
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 50 minutes) or b) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
<b>Business Software 1: IS-based Enterprise Management</b>		12-GPU-182-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content: This module provides students with an overview of the structure of a business information system (SAP Business ByDesign) in depth.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Integrated information systems: integration, standard software, system architecture</li> <li>2. Working with standard business software</li> <li>3. Consulting in integrated information systems: project management, project organisation, presentation skills</li> </ol> <p>Description: The lecture will be accompanied by an exercise that will present students with an opportunity to access, in small groups, the enterprise resource planning system operated by the Chair in its ERP laboratory and to work with the software, dealing with a wide variety of business processes. If you would like to register for this course, please submit an application to the consultants (cover letter, CV, certificates; please also specify your degree programme and student ID number).</p>		
Intended learning outcomes		
<p>After completing the course "Business Software 1", students will be able to</p> <ol style="list-style-type: none"> <li>(i) understand an ERP system in its depth;</li> <li>(ii) understand the interaction of business processes;</li> <li>(iii) execute business tasks and processes in an ERP system independently (after participation in the practice lessons).</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages) Assessment offered: Once a year, winter semester Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
<p>20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.</p>		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Professional Project Management		10-I=PM-182-m01
Module coordinator		Module offered by
holder of the Chair of Computer Science III		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	Simultaneous completion of module 10-I=PRJAK is recommended.
Contents		
Project goals, project assignment, project success criteria, business plan, environment analysis and stakeholder management, initialisation, definition, planning, execution/control, finishing of projects, reporting, project communication and marketing, project organisation, team building and development, opportunity and risk management; conflict and crisis management, change and claim management; contract and procurement management, quality management, work techniques, methods and tools; leadership and social skills in project management, program management, multiproject management, project portfolio management, PMOs; peculiarities of software projects; agile project management/SCRUM, combination of classic and agile methods.		
Intended learning outcomes		
The students possess practically relevant knowledge about the topics of production management and/or professional project management. They are familiar with the critical success criteria and are able to initiate, define, plan, control and review projects.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (4)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): SE, IT, IS, ES, LR, HCI, GE.		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Computer Science (2018) Master's degree (1 major) Management (2018) Master's degree (1 major) Computational Mathematics (2019) Master's degree (1 major) Mathematics (2019) Master's degree (1 major) Information Systems (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 51 / 1020

Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)  
Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project - Current Topics in Computer Science		10-I=PRJAK-162-m01
Module coordinator		Module offered by
Dean of Studies Informatik (Computer Science)		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Completion of a project task (in Teams).		
<b>Intended learning outcomes</b>		
The project allows participants to work on a problem in computer science in teams.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
P (4)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
project report (10 to 15 pages) and presentation of project (15 to 30 minutes) Each project is offered one time only. The project will not be repeated; there will not be another project with the same topic. Assessment can, therefore, only be offered for the project offered in the respective semester. Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Focuses available for students of the Master's programme Informatik (Computer Science, 120 ECTS credits): AT, SE, IT, IS, ES, LR, HCI, GE.		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Computer Science (2016) Master's degree (1 major) Computer Science (2017) Master's degree (1 major) Computer Science (2018) Master's degree (1 major) Management (2018) Master's degree (1 major) Computational Mathematics (2019) Master's degree (1 major) Mathematics (2019) Master's degree (1 major) Media Communication (2019) Master's degree (1 major) Information Systems (2019) Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020) Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)		



Module title		Abbreviation
Topics in International Marketing		12-M-TMA-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title		Abbreviation
IT-Management		12-M-ITM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of aims, tasks and appropriate methods of IT management.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Organisation and distinction</li> <li>2. IT strategy</li> <li>3. IT organisation</li> <li>4. Management of IT systems</li> <li>5. Enterprise Architecture Management</li> <li>6. IT project management</li> <li>7. IT security</li> <li>8. IT law</li> <li>9. IT controlling</li> </ol> <p>Reading:</p> <ul style="list-style-type: none"> <li>• Hofmann/Schmidt: Masterkurs IT-Management, Wiesbaden.</li> <li>• Tiemeyer: Handbuch IT-Management, Munich.</li> <li>• Hanschke: Strategisches Management der IT-Landschaft, Munich.</li> </ul>		
Intended learning outcomes		
<p>After completing the course "IT Management", students will be able to</p> <ol style="list-style-type: none"> <li>1. overview the different aspects to be considered regarding a purposeful IT management;</li> <li>2. understand and apply appropriate methods and tools;</li> <li>3. independently perform system search and selection in a team project (only after participation in the practice lessons).</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Economathematics (2016)  
 Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Managerial Analytics &amp; Decision Making</b>		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 57 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Mobile and Ubiquitous Systems			12-M-MUS-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The module provides an overview of technologies and business applications of mobile & ubiquitous computing. Concepts and applications are illustrated using numerous examples from mobile telecommunications to the Internet of Things. In the accompanying exercise, corresponding case study texts are analysed and discussed.			
Intended learning outcomes			
<div>- Understand the technological basics of mobile &amp; ubiquitous computing.</div> <div>- Analysing business applications in processes, products/services and business models</div> <div>- Apply the concepts learned to real-life problems in a business context</div>			
Courses (type, number of weekly contact hours, language — if other than German)			
Ü (2) + V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Media Communication (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Media Communication (2018) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 59 / 1020

Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Media Communication (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 61 / 1020



Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Project Module Digital Business Strategy I			12-M-PDBUS1-182-mo1
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Digital Business Strategy.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)			

Module title			Abbreviation
Project Module Digital Business Strategy II			12-M-PDBUS2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Digital Business Strategy.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)			

## **Finance, Accounting & Taxation**

(60 ECTS credits)

## Core

(20 ECTS credits)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
Intended learning outcomes		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Financial Accounting (German GAAP, IFRS)		12-M-ER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Large and mostly multinational companies are key players in our globalized economy. A wide variety of interest groups, such as investors, need access to reliable information about the economic activities of these increasingly complex companies to make the right decisions. To contribute to a better functioning of capital markets in the European Union, publicly traded companies have to apply a single set of international accounting standards to prepare their consolidated financial statements. This module covers the necessary steps to prepare and interpret consolidated financial statements under IFRS (International Financial Reporting Standards). It provides students with a systematic approach and interpretation of group accounting according to international rules. In particular, the module covers the basic principles of group accounting and an in-depth knowledge of relevant standards. Students get to know different types of company mergers, acquisitions, and investments and the corresponding accounting methods. They will learn about the relevance of consolidated financial statements, how to identify groups and understand the consolidation process. In addition, various recent topics of group accounting are covered, e. g., positive and negative goodwill, non-controlling interests, intra-group transactions, and goodwill impairment.</p>		
<b>Intended learning outcomes</b>		
<p>Students understand the key concepts and elements of group accounting under IFRS (International Financial Reporting Standards). They also have an in-depth knowledge of the steps necessary to prepare and interpret consolidated financial statements following international accounting rules. In particular, students can recognize the need for consolidated financial statements, solve relevant consolidation problems, and critically evaluate consolidated financial statements.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 69 / 1020



Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Policy of Taxation		12-M-F1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In this module, students will acquire a basic understanding of the tax system and structure applied to households in Germany. In addition, the course will include simple tax incidence analyses of specific tax policies. Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Fiscal harmonisation system in Germany</li> <li>2. Mechanics and problems of the VAT system</li> <li>3. Tax incidence analysis</li> <li>4. Income tax code</li> <li>5. Taxation of married couples and families</li> <li>6. Taxation and household decisions</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Tax Policy" students know the most important tax revenues in Germany and how they are divided between the Federation and the federal provinces. They are able to explain the incidence of specific taxes using simple case studies. Finally they can discuss tax induced distortions of individual decisions using simple partial equilibrium models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 71 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Group Accounting		12-M-GA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
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<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60-120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Economics of Tax Planning		12-M-SP-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course deals with tax effects on fundamental economic decisions. Taxes are integrated into standard models for investment decisions, financing decisions, firm valuation, dividend policy and remuneration of employees. Therefore, the interaction of corporate and personal income taxes is analysed.</p> <p>A reading list in English is available on request.</p>		
Intended learning outcomes		
<p>This course enables students to</p> <ul style="list-style-type: none"> <li>(i) combine their knowledge of tax law with microeconomic analyses in the areas of corporate and personal finance;</li> <li>(ii) analyze the effect of taxes on fundamental economic decisions, e.g. investment and financing decisions, evaluation of investment, financial assets, forms of remuneration for employees including managing and assessing;</li> <li>(iii) read and discuss research and policy papers in the field of taxation.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 76 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
International Financial Management			12-M-IFM-211-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The module introduces students to the financial management of firms engaged in a globalized business environment. Topics include the foreign exchange market, the international monetary system as well as the determination of exchange rates and foreign currency risk. The module also covers international capital markets and familiarizes students with methods and data sources required for the analysis of international financial markets.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy, Master Management</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>			
Intended learning outcomes			
Students who complete the module will have a basic understanding of the theoretical and practical aspects of international financial management. Moreover, they should also be able to understand current developments in financial markets and interpret them using the theoretical foundations and practical examples covered in the module.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

## Core Electives

(40 ECTS credits)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
Intended learning outcomes		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Group Accounting		12-M-GA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60-120 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Advanced Financial Accounting		12-M-AFA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
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<b>Intended learning outcomes</b>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Topics in Financial Accounting		12-M-ATER-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's degree (1 major) Management (2022)		



Module title			Abbreviation
Advanced Financial Accounting (German GAAP, IFRS)			12-M-ER-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Large and mostly multinational companies are key players in our globalized economy. A wide variety of interest groups, such as investors, need access to reliable information about the economic activities of these increasingly complex companies to make the right decisions. To contribute to a better functioning of capital markets in the European Union, publicly traded companies have to apply a single set of international accounting standards to prepare their consolidated financial statements. This module covers the necessary steps to prepare and interpret consolidated financial statements under IFRS (International Financial Reporting Standards). It provides students with a systematic approach and interpretation of group accounting according to international rules. In particular, the module conveys the basic principles of group accounting and an in-depth knowledge of relevant standards. Students get to know different types of company mergers, acquisitions, and investments and the corresponding accounting methods. They will learn about the relevance of consolidated financial statements, how to identify groups and understand the consolidation process. In addition, various recent topics of group accounting are covered, e. g., positive and negative goodwill, non-controlling interests, intra-group transactions, and goodwill impairment.			
Intended learning outcomes			
Students understand the key concepts and elements of group accounting under IFRS (International Financial Reporting Standards). They also have an in-depth knowledge of the steps necessary to prepare and interpret consolidated financial statements following international accounting rules. In particular, students can recognize the need for consolidated financial statements, solve relevant consolidation problems, and critically evaluate consolidated financial statements.			
Courses (type, number of weekly contact hours, language — if other than German)			
Ü (2) + V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Economathematics (2016)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 86 / 1020

Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Policy of Taxation		12-M-F1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In this module, students will acquire a basic understanding of the tax system and structure applied to households in Germany. In addition, the course will include simple tax incidence analyses of specific tax policies. Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Fiscal harmonisation system in Germany</li> <li>2. Mechanics and problems of the VAT system</li> <li>3. Tax incidence analysis</li> <li>4. Income tax code</li> <li>5. Taxation of married couples and families</li> <li>6. Taxation and household decisions</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Tax Policy" students know the most important tax revenues in Germany and how they are divided between the Federation and the federal provinces. They are able to explain the incidence of specific taxes using simple case studies. Finally they can discuss tax induced distortions of individual decisions using simple partial equilibrium models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 88 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 90 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Economics of Tax Planning		12-M-SP-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course deals with tax effects on fundamental economic decisions. Taxes are integrated into standard models for investment decisions, financing decisions, firm valuation, dividend policy and remuneration of employees. Therefore, the interaction of corporate and personal income taxes is analysed.</p> <p>A reading list in English is available on request.</p>		
Intended learning outcomes		
<p>This course enables students to</p> <ul style="list-style-type: none"> <li>(i) combine their knowledge of tax law with microeconomic analyses in the areas of corporate and personal finance;</li> <li>(ii) analyze the effect of taxes on fundamental economic decisions, e.g. investment and financing decisions, evaluation of investment, financial assets, forms of remuneration for employees including managing and assessing;</li> <li>(iii) read and discuss research and policy papers in the field of taxation.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 92 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Discounted Cashflow		12-M-CF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module covers discounted cash flow (DCF) methods under certainty as well as uncertainty in the context of the valuation of unlevered and levered companies. Furthermore, tax aspects as well as their influence on the company value are considered.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. DCF Theory under certainty <ol style="list-style-type: none"> <li>1. NPV without taxes</li> <li>2. NPV with personal taxes</li> <li>3. NPV with corporate taxes</li> </ol> </li> <li>3. DCF Theory under uncertainty <ol style="list-style-type: none"> <li>1. DCF basics</li> <li>2. Valuation of unlevered companies</li> <li>3. Valuation of levered companies</li> </ol> </li> <li>4. Practice of DCF methods</li> </ol>		
Intended learning outcomes		
After completion of this module, the students will know a variety of discounted cashflow techniques and are able to apply properly them in order to evaluate projects or firms.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)

Module title		Abbreviation
Risk Management and Corporate Finance		12-M-CF3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module deals with the valuation and use of classical derivatives in financial markets. In particular, futures, swaps and options are considered as well as their possible applications in the context of financial risk management. In particular, students will be introduced to the theory involved in pricing options, as well as important valuation parameters. In addition, some established risk measures such as value-at-risk are discussed.</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Futures &amp; Forwards</li> <li>3. Swaps</li> <li>4. Options</li> <li>5. Measures of risk</li> </ol>		
Intended learning outcomes		
<p>Upon completion of this module students will be able to,</p> <p>(i) independently determine the fair value of the derivatives discussed, as well as</p> <p>(ii) to understand and evaluate common capital market hedging strategies.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Selected Topics in Corporate Finance		12-M-CF4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new chairs that are not yet included in the regular curriculum.</li> </ul> <p>The chair holder will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p> <p>Master's degree (1 major) Economathematics (2022)</p>		

Module title		Abbreviation
Financial Statement Analysis and Business Valuation		12-M-UA-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Fundamental investing involves valuation, and much of the information for valuation is contained in financial statements. This module provides a basic understanding of financial statement analysis, particularly on how to extract value-relevant information from financial statements, carry out financial statement analysis, and use financial data to value corporations. The module also provides the necessary tools to gain insights into what generates value in a corporation.		
<b>Intended learning outcomes</b>		
Students can understand publicly traded companies' financial statements (US GAAP/IFRS), identify value-relevant information in financial statements, and use this information for valuation. They know the relevant techniques to evaluate financial statements and understand the fundamental role of financial information in the valuation process. Students can apply valuation techniques to real-world cases and recommend investment decisions.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 99 / 1020

Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Auditing		12-M-WPF-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module covers advanced accounting topics under IFRS (International Financial Reporting Standards). It also discusses current developments in IFRS accounting and systematically classifies the related issues. The aim is to apply existing knowledge to advanced accounting problems and to develop possible solutions. The main topics adapt to current developments in the field of financial accounting.		
<b>Intended learning outcomes</b>		
Students gain a deep understanding of advanced accounting issues under IFRS (International Financial Reporting Standards). They also have the in-depth knowledge necessary to solve new and advanced accounting problems.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
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exchange program Business Management and Economics (2022)

Module title		Abbreviation
Tax Accounting		12-M-STB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module introduces the various methods of income recognition in the German Income Tax Code ( <i>Einkommensteuergesetz</i> , EStG). It discusses the main reporting and valuation provisions as well as the specific problems and techniques of income calculation for partnerships.		
<b>Intended learning outcomes</b>		
Students have in-depth knowledge of tax accounting of companies and are able to solve moderate to complex problems of tax accounting in particular of sole proprietorships and partnerships using legal source.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		
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Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced VAT		12-M-UF-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module provides students with more in-depth insights into complex national issues (e. g. holding structures) and international constellations with respect to other EU member states as well as non-EU states from a VAT point of view. The relevant rulings of the German Federal Fiscal Court as well as the ECJ are also discussed.		
<b>Intended learning outcomes</b>		
Students acquire deeper knowledge and understanding of German VAT law as well as basic skills in VAT on EU and international levels. The students are able to analyze and solve complex facts of a case from a German VAT point of view as well as to recognize problems arising from international constellations. They are able to determine the VAT-treatment using German VAT law and the European VAT directive. The students are able to identify and make use of simplification rules (intra-Community triangulation simplification) as well as to proactively shape the facts of a case to create a favorable VAT treatment. They are able to read critically and judge primary tax literature.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination (one candidate each, approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021)		
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Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Management (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Tax-Optimized Business Organization		12-M-RFW-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This course deals with tax aspects of the choice and change of legal form of business activities. Static and dynamic models are used to calculate the effective tax burden from ongoing business activities but also from a-periodic measures like divestments, mergers, or changes of the legal form. Our perspective is that of an investor resident in Germany investing in incorporated and unincorporated businesses in Germany and abroad.		
Intended learning outcomes		
This course enables students to (i) analyze and evaluate the tax effects of business activities in different legal forms from an investor's perspective; (ii) calculate the tax burden from ongoing business activities in Germany and abroad; (iii) calculate the tax burden from a-periodic events like divestments, purchases, mergers, and changes of legal form.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages), presentation of term paper (approx. 20 minutes), weighted 3:2 Assessment offered: To be announced Language of assessment: German and/or English creditable for bonus		
Allocation of places		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 107 / 1020

Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)

Module title		Abbreviation
International Taxation		12-M-IB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module discusses tax aspects (legal facts as well as economic effects) of cross-border business activities. Students become familiar with the principles of international taxation, relevant aspects of German income tax law, the function of double taxation treaties as well as recent developments of taxation within the European Union (mostly triggered by the Court of Justice of the European Union). The topics are introduced in the form of lectures. Complex case studies are used for an in-depth discussion of selected aspects.</p>		
Intended learning outcomes		
<p>After completion of the module students are able</p> <ul style="list-style-type: none"> <li>(i) to assess tax issues of cross-border business activities and develop structured solutions;</li> <li>(ii) to assess the economic effects of rules of international tax law on its own;</li> <li>(iii) systematically apply double tax treaties.</li> </ul> <p>The students have knowledge of the basics of international taxation and the German international tax law. They are able to judge and to analyze, using the relevant sources of law complex, case studies on the taxation of cross-border business activities independently and to develop design proposals for the solution.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages), presentation of term paper (approx. 20 minutes), weighted 3:2  Assessment offered: To be announced  Language of assessment: German and/or English  creditable for bonus</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Management (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 109 / 1020



Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Case Studies on Business Taxation		12-M-FER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module offers a cross-sectional view of business taxation by means of case studies which will be prepared by participants in advance and will be discussed in class. The focus will be on German income taxation, income calculation for tax purposes, taxation of partnerships as well as tax problems of foreign activities of German companies.		
<b>Intended learning outcomes</b>		
Students deepen their knowledge of the German tax law. They are enabled to solve complex tax problems on their own.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 111 / 1020

Module title		Abbreviation
<b>Strategic Managerial Accounting</b>		12-M-INST-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on accounting instruments, which are applied in the context of strategic management of enterprises. First, it addresses important drivers of strategic decisions from a microeconomic perspective, such as the emergence of cost and quality advantages in competition as well as scale and experience curve effects. Second, the module covers analytical and heuristic techniques of planning and control. In the context of these techniques, instruments of target costing, life cycle cost analysis, benchmarking and business wargaming are discussed with regard to their theoretical foundation and fields of application.		
<b>Intended learning outcomes</b>		
Initially, knowledge about fundamental requirements concerning instruments of decision-making and behavior control within enterprises is acquired. What is more, the module conveys obtaining knowledge about the strengths and weaknesses and therewith fields of application and limits of prevalent instruments of strategic corporate management used by practitioners.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 112 / 1020

Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 114 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Accounting and Capital Markets		12-M-REKA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on financial and management accounting, their functions, possible configurations as well as their impact on internal and external recipients under consideration of the institutional setting. In this context, an economic perspective has priority over detailed legal arrangements and regulations by the standard setters. Based on the theoretical foundations of information economics as well as decision-making and balance sheet theories, typical issues concerning cost and managerial accounting as well as financial accounting and publicity are discussed.		
<b>Intended learning outcomes</b>		
Initially, a fundamental knowledge about the conception and impact of management and financial accounting as information systems is acquired. In the following, the module mainly sharpens the understanding of the economic impacts of the configuration of management and financial accounting. What is more, extensive knowledge about possible impacts of changes in institutional general frameworks is covered. For example, changes in valuation standards, publicity rules or regulations about the distribution of profits in enterprises and on capital markets are considered.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 116 / 1020

Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>Strategic Decisions and Competition</b>		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		

The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Contract Theory		12-M-CT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>During the 1960/70s, microeconomic theory came to acknowledge that many (if not most) economic transactions are characterized by asymmetric distribution of information – i.e., at least one of the parties participating in a transaction usually is privy to information that the remaining parties do not have access to. This asymmetric distribution of information subsequently was recognized to be a major impediment for transactions to be economically efficient. Contract theory addresses the question how the inefficiencies arising from asymmetric distribution of information can best be mitigated by appropriate design of the contractual (or, more generally, institutional) framework that governs the transaction under consideration. This lecture covers the baseline models of “moral hazard” (i.e., situations where one party has private knowledge after a contract has been signed) and “adverse selection” (i.e., situations where one party has private knowledge before a contract is signed). As applications we will address questions discussed in organizational, personnel or industrial economics, such as incentive design within organizations or the design of labor law regulations and competition laws.</p> <p>Even though we will work with precise mathematical formalizations of the ideas that we want to think and talk about, this course requires little more than a solid understanding of basic differential calculus. More important than having a solid mathematical background is having a strong interest in formal economic analysis and fun with logical thinking and puzzle solving.</p> <p>The exposition is primarily based on the following textbook:</p> <ul style="list-style-type: none"> <li>• Laffont and Martimort (2002): "The Theory of Incentives"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of contract theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• interpret the properties of real-life contracts as the outcome of the interaction between two or more contracting parties in the presence of asymmetric information,</li> <li>• evaluate government interventions with regard to their effect on the efficiency properties of the interaction between the contracting parties.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Monetary Policy and the Financial System</b>		12-M-EG1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a thorough introduction to monetary policy. The course is divided into four sections. The first one repeats macroeconomic concepts. The second one deals with core topics on monetary policy and theory. In the third one, monetary policy with the zero lower bound on nominal interest rates constraint is analyzed. The fourth section deals with linkages between monetary and fiscal policy.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each winter term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students will acquire a thorough understanding of the theory and practice of monetary policy. Students gain expertise on institutional aspects and theoretical monetary models. Having completed the module, students will be able to understand current developments in monetary policy and and apply models and theories to analyze and evaluate these.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Optimal Tax Theory		12-M-F4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>The course will discuss the design of an optimal tax system. First, students will learn what criteria have to be met for a tax system to be optimal. Lectures will introduce key rules for taxing commodities as well as income and capital.</p> <p>Examining specific taxation issues such as eco-tax, family taxation and the taxation of international enterprises, students will then gain more in-depth insights into these rules.</p> <p>Reading: Lecture notes will be provided.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Optimal commodity taxation</li> <li>2. Optimal income taxation</li> <li>3. Optimal taxation of families</li> <li>4. International tax competition</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing this module students have a basic understanding of what is meant with "optimal taxation". They are able to apply this concept to specific normative questions of tax policy in practice. Students also learn to prepare and present short papers, where they discuss specific normative policy issues in groups.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 124 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: German (winter semester), English (summer semester)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: German and/or English		
creditable for bonus		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Econometrics 2</b>		12-M-OE2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basics, concepts and methods of the generalized least squares (GLS) framework. Partly as a motivation for the GLS model and partly for its own right, different specification and data problems as well as violations of model assumptions of the OLS estimator (as introduced in "Ökonometrie I" ("Econometrics I")) are discussed. This includes multicollinearity, a test for structural breaks, heteroskedasticity and autocorrelation. Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Specification analysis</li> <li>2. Multicollinearity</li> <li>3. Heteroskedasticity</li> <li>4. Autocorrelated disruptive terms</li> <li>5. Generalized least squares (GLS)</li> </ol>		
Intended learning outcomes		
Students acquire essential knowledge of the fundamentals, methods and concepts for estimating the generalized linear regression model (GLS) and can apply and interpret it. They are sensitized for specification problems, data problems and violations of the assumptions of the classical linear model (OLS) in order to be able to recognize, to assess and therefore adequately deal with these problems in theory and practice. This enables them to critically assess the use of the estimation methods in scientific work, to work independently on adequate implementation of empirical analyzes and to answer selected (economic) scientific issues if available data with the above-mentioned involved problems. The competences acquired in this course serve as a prerequisite for "Econometrics III", "Microeconometrics" und "Financial Econometrics".		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Econometrics 3			12-M-OE3-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Error-in-variables</li><li>2. IV estimation</li><li>3. Generalized least squares estimation</li><li>4. Distributed lag models</li><li>5. Stationary uni- and multivariate processes</li><li>6. Deterministic and stochastic trends</li><li>7. Integrated and cointegrated processes</li></ol>			
Intended learning outcomes			
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Analysis of Financial Market Data		12-M-FMO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module covers the fundamentals, methods and concepts for the empirical analysis of financial market data. The concept of market efficiency is explained and critically examined with reference to the random walk hypothesis. To test this hypothesis, a number of parametric and non-parametric methods are proposed and applied in practice. Based on the findings, market microstructure models that can explain some important empirical findings will be discussed. In addition, the course describes event studies for testing the significant impact of corporate news on the share price and discusses issues of univariate time series analysis such as AR(I)MA and ARCH / GARCH models that are indispensable for modelling financial market data. In the final part of the course, CAPM is discussed and examined, in particular with regard to its empirical applicability.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Information efficiency</li> <li>2. Random walk</li> <li>3. Theoretical market models</li> <li>4. Event studies</li> <li>5. Univariate modelling of time series data</li> <li>6. Models to explain volatility (ARCH and GARCH)</li> <li>7. Estimation of the capital asset pricing model</li> </ol> <p>Reading:</p> <p>Alexander, C.: A Guide to Financial Data Analysis, Wiley.</p> <p>Campbell, JY, Lo, AW, MacKinley, AC: The Econometrics of Financial Markets, Princeton University Press.</p> <p>Geyer, A.: Information, Erwartung und Risiko. Aspekte der Verteilung, Abhängigkeit und Varianz von finanzwirtschaftlichen Zeitreihen, Verlag V. Florentz.</p> <p>Hamilton, JD: Time Series Analysis, Princeton University Press.</p> <p>Mills, T.: Econometric Modelling of Financial Time Series, Cambridge University Press.</p> <p>Taylor, S.: Modelling Financial Time Series, Wiley.</p>		
Intended learning outcomes		
Students have significant knowledge of the fundamentals, methods and concepts that are needed for the empirical analysis of financial market data. They can autonomously perform statistical test decisions with statistic programs such as R and critically analyze their economic importance. In addition, the students learn the independent handling of empirical capital market data and at the end of the course, they will have the ability to develop own functions and routines, for example for R.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		

<b>Allocation of places</b>
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<b>Additional information</b>
Research track module in Master's programme IEP
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Social Insurance and the Welfare State		12-M-F3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This module discusses the economic justification for implementing social security systems in a market economy and provides students with deeper insights into this topic with the help of specific issues of public health and retirement policy.</p> <p>Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Public intervention in insurance markets</li> <li>2. The insurance function of social security</li> <li>3. Social security and social morale</li> <li>4. The optimal health insurance contract</li> <li>5. Why do we need a public pension system?</li> <li>6. Funding vs pay-as-you-go financing of public pensions</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing the module "Theorie der Sozialversicherung" students are able to explain the theoretical foundation of the social security system in a market economy. Using simple partial equilibrium models they can discuss the financing and contract structure of the public health and pension system. Finally they are able to analyze the consequences of policy reforms.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 134 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Selected Topics in Analytical Tax Research		12-M-TBS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 136 / 1020

Master's degree (1 major) Management (2022)

Module title		Abbreviation
Analytical Information Systems		12-BI-161-m01
Module coordinator		Module offered by
holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course provides an overview of the structure and applications of analytical information systems. A special focus is on individual quantitative methods of data analysis. A basic knowledge of statistics and data modelling is a prerequisite for participation in this module.		
<b>Intended learning outcomes</b>		
The module provides students with knowledge of: (i) Data Warehousing & OLAP (ii) Operational application areas and methods of data analysis		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 138 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Data Science		12-M-TDS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Data science is concerned with extracting knowledge and valuable insights from data assets. It is an emerging field that is currently in high demand in both academia and industry. This course provides a practical introduction to the full spectrum of data science techniques spanning data acquisition and processing, data visualization and presentation, creation and evaluation of machine learning models.</p> <p>The course focuses on the practical aspects of data science, with emphasis on the implementation and use of the above techniques. Students will complete programming homework assignments that emphasize practical understanding of the methods described in the course.</p>		
Intended learning outcomes		
<p>Topics covered include:</p> <ul style="list-style-type: none"> <li>• Data acquisition and processing</li> <li>• graph and network models</li> <li>• text analysis</li> <li>• working with geospatial data</li> <li>• Usage of machine learning models (supervised and unsupervised)</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 140 / 1020

Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
exchange program Business Management and Economics (2022)



Module title			Abbreviation
Project Module Finance, Accounting & Taxation I			12-M-PFACT1-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Finance, Accounting & Taxation.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)			

Module title			Abbreviation
Project Module Finance, Accounting & Taxation II			12-M-PFACT2-182-mo1
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Finance, Accounting & Taxation.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)			

Module title			Abbreviation
International Financial Management			12-M-IFM-211-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The module introduces students to the financial management of firms engaged in a globalized business environment. Topics include the foreign exchange market, the international monetary system as well as the determination of exchange rates and foreign currency risk. The module also covers international capital markets and familiarizes students with methods and data sources required for the analysis of international financial markets.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy, Master Management</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>			
Intended learning outcomes			
Students who complete the module will have a basic understanding of the theoretical and practical aspects of international financial management. Moreover, they should also be able to understand current developments in financial markets and interpret them using the theoretical foundations and practical examples covered in the module.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Selected Topics in Risk Management		12-M-CF6-231-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60-90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English Creditable for bonus Assessment offered: In the semester of the event		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Management (2022)		

# International Business & Strategy

(60 ECTS credits)

## Core

(20 ECTS credits)

Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
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<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Management of Global Supply Chains		12-M-SMGS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Description: In the course "Strategic Management of Global Supply Chains", students will become familiar with the basic principles of building an efficient global supply chain and will apply what they have learned working on multiple case studies.		
<b>Intended learning outcomes</b>		
After completing this course students (i) can apply the basic methods and concepts of supply chain management to practical settings and evaluate the results, and (ii) understand the effects of global value chains onto strategic company decisions.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Macroeconomic Policy		12-M-EMP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In particular, the course outline is as follows:</p> <p><b>I. Targets of macroeconomic policy</b></p> <p><b>II. The mechanics of the two core macroeconomic models</b></p> <p>a. The classical model of a self-stabilizing corn economy</p> <p>b. The Keynesian model of a monetary economy with inherent instability</p> <p>c. The financial system and banks in the two models</p> <p><b>III. The diverging policy implications of the two paradigms</b></p> <p>a. Unemployment: wage rigidities versus rationing of the labor market by the goods market</p> <p>b. Government debt: Crowding out versus Modern Monetary Theory (MMT)</p> <p>c. Inflation: quantity theory versus Phillips curve</p> <p>d. The incompatibility of the two worlds</p> <p><b>IV. A simple IS/MP/PC model</b></p> <p><b>V. The monetary policy of the ECB</b></p> <p>a. The mandate of the ECB and possible trade-offs with unemployment and financial stability</p> <p>b. Conventional/unconventional instruments of the ECB / The risk of fiscal dominance</p> <p>c. ECB strategy and climate policy</p> <p>d. The threat of deflation and the Zero-Lower Bound</p> <p><b>VI. The difficult task of coordinating 19 independent national fiscal policies in the EMU</b></p> <p>a. Specific challenges due to lack of political integration: Lack of coordination versus lack of fiscal discipline</p> <p>b. The limitations set by Stability and Growth Pact</p> <p>c. The rationale of fiscal rules: Maastricht Treaty, Fiscal Compact/Debt Brake, Golden Rule / reform proposals</p> <p><b>VII. Specific EMU topics</b></p> <p>a. Is the EMU an optimum currency area?</p>		

b. The financial crisis and the euro crisis: The dismal performance of the ECB until 2012 and the paradigm change by Mario Draghi ("Whatever it takes")

c. The ECB in the Corona crisis and Next Generation EU

### Intended learning outcomes

By the end of the course, students will have gained a basic understanding of European macroeconomics.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.

### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)

Master's degree (1 major) International Economic Policy (2018)

Master's degree (1 major) China Business and Economics (2019)

Master's degree (1 major) China Language and Economy (2019)

exchange program Business Management and Economics (2022)

Module title		Abbreviation
International Trade and the Multinational Firm		12-M-ITMF-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p><u>Content</u></p> <p>The lecture starts out with theories of international trade based on comparative advantage (Ricardo and Heckscher-Ohlin) followed by theories based on monopolistic and oligopolistic competition to explain intra-industry trade. The final part covers firm heterogeneity and multinational firms. [If time permits the Armington model and the standard neoclassical model will be addressed.]</p> <p><u>Outline</u></p> <p>I Ricardian Trade Theory</p> <p>II Heckscher-Ohlin Trade Theory</p> <p>III New Trade Theory: Intra-Industry Trade, Increasing Returns to Scale, Imperfect Competition</p> <p>IV Firm Heterogeneity, Trade and FDI</p> <p>V The Multinational Firm</p> <p><u>Literature:</u></p> <p>The module draws heavily on articles from scholarly journals and handbooks. A detailed list of references with further references, notably journal articles, is provided with each chapter of the lecture. Material from the following books is also used:</p> <p>Helpman, E. (2011). Understanding Global Trade. Princeton University Press.</p> <p>Feenstra, R.C. (2016). Advanced International Trade. Theory and Evidence. Princeton University Press, Second Edition</p> <p>Caves, R., R.W. Jones and J.A. Frankel (2007). World Trade and Payments. Addison Wesley</p> <p>Bhagwati, J., A. Panagariya and T. N. Srinivasan (1998). Lectures on International Trade. Second Edition. MIT Press</p> <p>Gandolfo, G. (1998). International Trade Theory and Policy. Springer-Verlag, Berlin and New York</p> <p>Markusen, J.R., J.R. Melvin, W.H. Kaempfer, K. E. Maskus (1995). International Trade. McGrawHill</p> <p>Barba Navaretti, G. and A.J. Venables (2004). Multinational Firms in the World Economy. Princeton University Press</p>		
Intended learning outcomes		
<p>The students acquire the ability to critically understand the causes and drivers of world trade and the developments of specialization patterns in the global economy. They learn to analyze, discuss and defend these developments and to apply the tools and methods to evaluate controversies associated with the ongoing deepening</p>		

of the international division of labor, in particular the repercussions of the global economy on national economies.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

**Allocation of places**

--

**Additional information**

--

**Workload**

150 h

**Teaching cycle**

--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		



The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

## Core Electives

(40 ECTS credits)

Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
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<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
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<b>Additional information</b>
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Management of Global Supply Chains		12-M-SMGS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In the course "Strategic Management of Global Supply Chains", students will become familiar with the basic principles of building an efficient global supply chain and will apply what they have learned working on multiple case studies.</p>		
Intended learning outcomes		
<p>After completing this course students</p> <p>(i) can apply the basic methods and concepts of supply chain management to practical settings and evaluate the results, and</p> <p>(ii) understand the effects of global value chains onto strategic company decisions.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p>		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Macroeconomic Policy		12-M-EMP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In particular, the course outline is as follows:</p> <p><b>I. Targets of macroeconomic policy</b></p> <p><b>II. The mechanics of the two core macroeconomic models</b></p> <p>a. The classical model of a self-stabilizing corn economy</p> <p>b. The Keynesian model of a monetary economy with inherent instability</p> <p>c. The financial system and banks in the two models</p> <p><b>III. The diverging policy implications of the two paradigms</b></p> <p>a. Unemployment: wage rigidities versus rationing of the labor market by the goods market</p> <p>b. Government debt: Crowding out versus Modern Monetary Theory (MMT)</p> <p>c. Inflation: quantity theory versus Phillips curve</p> <p>d. The incompatibility of the two worlds</p> <p><b>IV. A simple IS/MP/PC model</b></p> <p><b>V. The monetary policy of the ECB</b></p> <p>a. The mandate of the ECB and possible trade-offs with unemployment and financial stability</p> <p>b. Conventional/unconventional instruments of the ECB / The risk of fiscal dominance</p> <p>c. ECB strategy and climate policy</p> <p>d. The threat of deflation and the Zero-Lower Bound</p> <p><b>VI. The difficult task of coordinating 19 independent national fiscal policies in the EMU</b></p> <p>a. Specific challenges due to lack of political integration: Lack of coordination versus lack of fiscal discipline</p> <p>b. The limitations set by Stability and Growth Pact</p> <p>c. The rationale of fiscal rules: Maastricht Treaty, Fiscal Compact/Debt Brake, Golden Rule / reform proposals</p> <p><b>VII. Specific EMU topics</b></p> <p>a. Is the EMU an optimum currency area?</p>		

b. The financial crisis and the euro crisis: The dismal performance of the ECB until 2012 and the paradigm change by Mario Draghi ("Whatever it takes")

c. The ECB in the Corona crisis and Next Generation EU

### Intended learning outcomes

By the end of the course, students will have gained a basic understanding of European macroeconomics.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.

### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)

Master's degree (1 major) International Economic Policy (2018)

Master's degree (1 major) China Business and Economics (2019)

Master's degree (1 major) China Language and Economy (2019)

exchange program Business Management and Economics (2022)



Module title		Abbreviation
International Trade and the Multinational Firm		12-M-ITMF-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p><u>Content</u></p> <p>The lecture starts out with theories of international trade based on comparative advantage (Ricardo and Heckscher-Ohlin) followed by theories based on monopolistic and oligopolistic competition to explain intra-industry trade. The final part covers firm heterogeneity and multinational firms. [If time permits the Armington model and the standard neoclassical model will be addressed.]</p> <p><u>Outline</u></p> <p>I Ricardian Trade Theory</p> <p>II Heckscher-Ohlin Trade Theory</p> <p>III New Trade Theory: Intra-Industry Trade, Increasing Returns to Scale, Imperfect Competition</p> <p>IV Firm Heterogeneity, Trade and FDI</p> <p>V The Multinational Firm</p> <p><u>Literature:</u></p> <p>The module draws heavily on articles from scholarly journals and handbooks. A detailed list of references with further references, notably journal articles, is provided with each chapter of the lecture. Material from the following books is also used:</p> <p>Helpman, E. (2011). Understanding Global Trade. Princeton University Press.</p> <p>Feenstra, R.C. (2016). Advanced International Trade. Theory and Evidence. Princeton University Press, Second Edition</p> <p>Caves, R., R.W. Jones and J.A. Frankel (2007). World Trade and Payments. Addison Wesley</p> <p>Bhagwati, J., A. Panagariya and T. N. Srinivasan (1998). Lectures on International Trade. Second Edition. MIT Press</p> <p>Gandolfo, G. (1998). International Trade Theory and Policy. Springer-Verlag, Berlin and New York</p> <p>Markusen, J.R., J.R. Melvin, W.H. Kaempfer, K. E. Maskus (1995). International Trade. McGrawHill</p> <p>Barba Navaretti, G. and A.J. Venables (2004). Multinational Firms in the World Economy. Princeton University Press</p>		
Intended learning outcomes		
<p>The students acquire the ability to critically understand the causes and drivers of world trade and the developments of specialization patterns in the global economy. They learn to analyze, discuss and defend these developments and to apply the tools and methods to evaluate controversies associated with the ongoing deepening</p>		

of the international division of labor, in particular the repercussions of the global economy on national economies.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

**Allocation of places**

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**Additional information**

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**Workload**

150 h

**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		

The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>DSGE Modelling</b>		12-M-DMM-182-mo1
Module coordinator		Module offered by
Head of the Work Group of Empirical Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course offers an introduction to "Dynamic Stochastic General Equilibrium Modelling" (DSGE). These models are designed to describe the business cycle at the macro level. In a first step, we analyse the behaviour of a representative household. In particular, we describe how consumption, asset allocation and labour supply plans are formulated. In a second step, we focus on the firm sector and address how firms solve for optimal production plans. In a third step, we explain what role the central bank plays in stabilising the business cycle. Thereby, we show how changes in interest rates interact with optimal decisions taken by households and firms. We also discuss hot topics such as CAPM models and monetary policy in the euro area.</p>		
Intended learning outcomes		
<p>The course offers analytical tools designed to solve DSGE models. These analytical skills encompass:</p> <ul style="list-style-type: none"> <li>• Solving of intertemporal optimization problems (e.g., consumption Euler-equations).</li> <li>• Linearization methods (e.g., Taylor-expansions).</li> <li>• Solving linear difference expectations by minimum state variabel techniques (MSV-solution).</li> <li>• Basic time series concepts such as impulse response functions, variance decompositions.</li> <li>• Basic insights in MATLAB/ Dynare programming: specifying, solving and estimating DSGE models.</li> </ul> <p>Based on the course students are able themselves to design and implement DSGE models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		
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Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Public Finance		12-M-EFP-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course aims at introducing the main public finance issues in the European Union. Students will learn how the revenues of the Union are generated and how they are spent. We will discuss the motivation and implications of the Brexit decision and various coordination problems with respect to public debt, taxation and environmental policy. Economic policy is discussed with simple models, which highlight the central problems.</p> <p>Course contents:</p> <ol style="list-style-type: none"> <li>1. The European Union: History and Institutions</li> <li>2. The Budget of the European Union</li> <li>3. Economic Analysis of the Brexit Process</li> <li>4. Sovereign Debt, Financial Crisis and Fiscal Integration in the EMU</li> <li>5. Tax Competition or Tax Coordination in Europe?</li> <li>6. European Climate Policy: Emission Trading and Green Deal</li> </ol>		
Intended learning outcomes		
After completing the course students are introduced to the central public finance policy issues, institutions and rules of conduct in the EU. They are able to apply simple theoretical models to to discuss and analyze more specific policy problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>Economic Geography</b>		12-M-EG-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Der Kurs wird in Englisch gelesen</p> <p><u>Content</u></p> <p>The lecture starts with a brief motivation of the core issues and a short overview over key forces driving the allocation of economic activity in space. The main parts of the lecture cover the functioning and evolution of cities and city systems, and the economic geography of regions and countries.</p> <p>I Motivation and Facts</p> <p>II Location Basics</p> <ul style="list-style-type: none"> <li>- Forces Shaping the Location of Economic Activity in Space</li> <li>- Some Intellectual Background</li> </ul> <p>III Urban and Regional Economics</p> <ul style="list-style-type: none"> <li>- The Spatial Structure of Cities</li> <li>- City Systems</li> </ul> <p>III New Economic Geography</p> <ul style="list-style-type: none"> <li>- From the New Trade Theory to the New Economic Geography</li> <li>- Footloose Capital Model and Policy Applications</li> <li>- Core Periphery Models and Policy Applications</li> <li>- Empirics</li> </ul> <p><u>Literature:</u></p> <p>The course uses a combination of textbooks and journal articles. Articles from the Handbook of Urban and Regional Economics (current and previous volumes) are heavily used. Useful books are:</p> <p>Brakman, W., H. Garretsen and Ch. van Marrewijk, 2009, The New Introduction to Geographical Economics, Cambridge University Press</p> <p>Baldwin, R., R. Forslid, P. Martin, G. Ottaviano and F. Robert-Nicoud, 2003, Economic Geography and Public Policy, Princeton, 2003</p> <p>Combes, P.P, Th. Mayer and J.F. Thisse, 2008, Economic Geography. The Integration of Regions and Nations, Princeton University Press</p> <p>Fujita, M., P.R. Krugman and A.J. Venables, 1999: The Spatial Economy, MIT Press</p>		
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Fujita, M. and J.-F. Thisse (2013). Economics of Agglomeration. Cities, Industrial Location and Regional Growth. Cambridge University Press.

Krugman, P.R., 1991, Geography and Trade, MIT Press

### Intended learning outcomes

Students acquire a knowledge of the forces which determine the allocation of economic activity in space and they learn to apply fundamental models of cities, city systems and of regional agglomerations to understand and analyze policy issues involving local, regional and international policy questions both analytically and in an economic intuitive way.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

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### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Market Research and Demand Analysis		12-M-EIO-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<ol style="list-style-type: none"> <li>(Recap of) Econometric methods <ul style="list-style-type: none"> <li>Ordinary Least Squares (OLS)</li> <li>Endogeneity and how to deal with it (Instrumental Variables)</li> </ul> </li> <li>Estimation of demand <ul style="list-style-type: none"> <li>Representative consumer models</li> <li>Multinomial Logit Model (ML) and extensions</li> <li>Discrete choice models with individual data</li> <li>Discrete choice models with aggregate data</li> </ul> </li> <li>Further applications <ul style="list-style-type: none"> <li>Demand and Supply estimation</li> <li>Inferring marginal costs</li> <li>Using structural models for counterfactual policy analysis</li> </ul> </li> </ol>		
Intended learning outcomes		
<p>The students taking this class will learn modern empirical methods in studying questions related to industry outcomes. They will become familiar with methods used in estimating demand and during exercises will learn how one can implement these methods in practice using statistical software. The lectures will help students to have a thorough understanding of the so-called New Empirical Industrial Organization (NEIO) methodology. The students will become familiar with methods used in estimating demand and imperfect competition models among firms. They will learn how to use such models to infer marginal costs as well as constructing policy simulations based on the estimated models to evaluate the effects of changes in the competitive environment, such as mergers. A student that successfully completes this course will not only be able to read empirical academic papers but will also implement a few important models in computer exercises. Furthermore, students will be able to draw implications of empirical studies for economic policy in areas such as antitrust and regulation.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Economic Statistics		12-M-EWS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Subject and tasks of business and economic statistics</li> <li>2. The European system of national accounting</li> <li>3. The harmonised consumer price index</li> <li>4. Structural indicators</li> <li>5. Money and loans in the European monetary union</li> <li>6. Data bases of EuroStat</li> </ol>		
Intended learning outcomes		
Students acquire comprehension on the most important indicators and accounting systems of the European and German business and economic statistics. They will be able to use these reporting systems for different macroeconomic questions.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p>		
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exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Logistics & Supply Chain Management		12-M-GLSC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Global Logistics & Supply Chain Management" acquaints students with advanced methods for the planning of global production networks and demonstrates the application of these with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate global production networks; (ii) develop and apply appropriate methods to plan production networks; (iii) evaluate the consequences of uncertainties in processes and apply concepts and methods to plan uncertain processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
International Marketing		12-M-IMM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module builds on the knowledge acquired during the Bachelor's degree programme or the <i>Grundstudium</i> (stage I studies). It provides a systematic introduction to strategic marketing decisions in global and international contexts. These are explained mainly by Porter's diamond and cluster models. Another focus is on internationalisation strategies, which require country analyses and decisions on the selection of national markets as well as a timing of the countries market development. In addition, the module discusses different strategies for market entry and market development.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Internationalisation of the economy and regional integration processes <ul style="list-style-type: none"> <li>• Globalisation</li> <li>• Competitiveness of countries, industries and companies in an international context</li> </ul> </li> <li>2. International strategic marketing decisions <ul style="list-style-type: none"> <li>• Market entry forms</li> <li>• Market development strategies</li> <li>• Timing strategies</li> <li>• International organisation structures</li> </ul> </li> <li>3. Theories and strategies of internationalisation <ul style="list-style-type: none"> <li>• Foreign trade theory</li> <li>• Multinational enterprise</li> <li>• Internationalisation strategies</li> </ul> </li> </ol> <p>Reading:</p> <p>Meffert, H. / Burmann C. / Becker, C.: Internationales Marketing-Management, Stuttgart etc. (most recent edition).</p> <p>Berndt, R. / Fantapié-Altobelli C. / Sander M.: Internationales Marketing-Management, Berlin etc. (most recent edition).</p>		
Intended learning outcomes		
Students acquire in-depth skills in the field of strategic and operational management with particular attention to the international context. Students achieve particular expertise in the analysis, assessment and implementation of international business decisions and gain skills thus guiding the execution of marketing and management positions in globally-active companies.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
Allocation of places		
--		

<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Managerial Analytics &amp; Decision Making</b>		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
<b>Intended learning outcomes</b>		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: German (winter semester), English (summer semester)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: German and/or English		
creditable for bonus		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)

Module title			Abbreviation
Strategic Marketing			12-M-SM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>The module raises awareness in students of the relevance and necessity of strategic management in a competitive and dynamical competitive process.</p> <p>Content:</p> <p>Based on the marketing strategies as well as the stakeholder and entrepreneurship approaches, this module discusses the roots of the concept of strategy in marketing based on Drucker, Porter, Ansoff and Mintzberg. The focus of the module is on thinking in competitive advantages, which is directly related to responsible leadership.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"><li>1. Competitive dynamics requires strategy and leadership</li><li>2. Marketing strategies, stakeholder management and entrepreneurship</li><li>3. Objectives and tasks of corporate governance in management practice</li><li>4. Competitive forces, strategies and benefits according to Michael Porter</li><li>5. Growth strategies and marketing myths</li><li>6. Future technologies, new businesses and dynamic capabilities</li><li>7. Nature and principles of responsible management</li></ol> <p>Reading:</p> <p>Barnard, CI (1938): The Functions of the Executive, Harvard University Press, Cambridge, Massachusetts.</p> <p>Eschenbach, R.; Eschenbach, S.; Kunesch, H. (2008): Strategische Konzepte: Management-Ansätze von Ansoff bis Ulrich, 5th ed., Schäffer-Poeschel Stuttgart.</p> <p>Freeman, RE (2010): Strategic Management: A Stakeholder Approach, Cambridge University Press.</p> <p>Grant, R. M.; Nippa, M. (2006): Strategisches Management: Analyse, Entwicklung und Implementierung von Unternehmensstrategien, 5th ed., Pearson Munich.</p> <p>Hinterhuber, H. H. (2011): Strategische Unternehmensführung -- I. Strategisches Denken, 8th ed., Erich Schmidt Verlag, Berlin.</p> <p>Hungenberg, H. (2012): Strategisches Management in Unternehmen: Ziele -- Prozesse -- Verfahren, 7th ed., Gabler, Wiesbaden.</p> <p>Johnson, G.; Scholes, K.; Whittington, R. (2009): Fundamentals of Strategy, 1st ed., Financial Times and Prentice Hall Harlow.</p> <p>Kotler, P.; Berger, R.; Bickhoff, N. (2010): The Quintessence of Strategic Management, Springer, Heidelberg.</p> <p>Laasch, O.; Conaway RN (2014): The Principles of Responsible Management: Global Sustainability, Responsibility, and Ethics, Cengage Stamford.</p> <p>Meffert, H.; Burmann, C.; Kirchgeorg, M. (2012): Marketing -- Grundlagen marktorientierter Unternehmensführung, 11th ed., Gabler, Wiesbaden.</p> <p>Meyer, M. (1995): Ökonomische Organisation der Industrie: Netzwerkarrangements zwischen Markt und Unternehmung, Gabler, Wiesbaden.</p> <p>Müller-Stewens, G.; Lechner, C. (2011): Strategisches Management -- Wie strategische Initiativen zum Wandel führen, 4th ed., Schäffer-Poeschel Stuttgart.</p> <p>Porter, M. (1999): Wettbewerb und Strategie, Econ Munich. (Original: Porter, M.: On Competition, Boston, 1998.)</p> <p>Porter, M. (2014): Wettbewerbsvorteile -- Spitzenleistungen erreichen und behaupten, 8th ed., Campus Frankfurt / New York. (Original: Porter, M.: Competitive Advantage, New York, 1985)</p>			
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Porter, M. (2013): Wettbewerbsstrategie -- Methoden zur Analyse von Branchen und Konkurrenten, 12th ed., Campus, Frankfurt / New York. (Original: Porter, M.: Competitive Strategy, New York, 1980)  
Welge, M. K.; Al-Laham, A. (2012): Strategisches Management: Grundlagen -- Prozesse -- Implementierung, 6th ed., Springer Wiesbaden.

### Intended learning outcomes

The students have a deeper understanding of the sustainable corporate management and have the basics of the competitive process and competitive dynamics available. In addition, they can use the acquired knowledge, while taking into account the conventional problems of the strategic and sustainable management, to solve business case studies on their own.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)  
Language of assessment: German and/or English

### Allocation of places

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### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)



Module title			Abbreviation
Trade Policy and the World Trading System			12-M-TP-182-m01
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<u>Content</u>			
The module starts out with a sketch of key facts and the evolution of the world trading system as well as current trade policy controversies. The main part of the lecture deals with trade policy instruments (e.g. tariffs and quotas) and arguments in favor of trade policy interventions (the terms of trade, strategic trade policy, infant industries, industrial policy, environmental policy). Political economy issues are also addressed.			
<u>Outline</u>			
1 The evolution of the world trading system and current issues			
2 Trade policy instruments and their effects under perfect competition			
3 The competition effect of trade opening			
4 Domestic distortions			
5 International market power and trade policy			
6 Political economy and the world trading system			
<u>Literatur:</u>			
The main text used is:			
Helpman, E. und P.R. Krugman (1989). Trade Policy and Market Structure. The MIT Press, Cambridge, Massachusetts.			
The following monographs cover the evolution of the world trading system and the evolution of ideas in trade policy making:			
Bhagwati, J. (2002). Free Trade Today, Princeton University Press			
Bhagwati, J. (2005). In Defense of Globalization. Oxford University Press			
Irwin, D. (2020). Free Trade Under Fire, Princeton University Press, 5th Edition (as well as former editions partially containing further material)			
Irwin, D. (1996). Against the Tide. An Intellectual History of Free Trade, Princeton University Press			
Basic refreshers are			
Krugman, P.R., M. Obstfeld und M. Melitz (2018), International Economics. Theory and Policy. Addison-Wesley, 11th Edition			
Caves, R., R.W. Jones und J.A. Frankel (2007), World Trade and Payments. An Introduction. Addison-Wesley, 10th Edition			
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This literature is complemented by papers from scholarly journals.

### Intended learning outcomes

tudents acquire the ability to critically understand the effects and issues associated with the use of trade policy instruments. They are enabled to understand and evaluate the causes and consequences of interventions in international trade on the aggregate economy, producers and consumers, the foreign trading partners and the world trading system both analytically as well as in an intuitive manner. Students also acquire the scientific knowledge to grasp the factors determining the structure and dynamics of the world trading order

### Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)  
Language of assessment: German and/or English  
creditable for bonus

### Allocation of places

--

### Additional information

--

### Workload

150 h

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Financial Statement Analysis and Business Valuation			12-M-UA-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Fundamental investing involves valuation, and much of the information for valuation is contained in financial statements. This module provides a basic understanding of financial statement analysis, particularly on how to extract value-relevant information from financial statements, carry out financial statement analysis, and use financial data to value corporations. The module also provides the necessary tools to gain insights into what generates value in a corporation.			
Intended learning outcomes			
Students can understand publicly traded companies' financial statements (US GAAP/IFRS), identify value-relevant information in financial statements, and use this information for valuation. They know the relevant techniques to evaluate financial statements and understand the fundamental role of financial information in the valuation process. Students can apply valuation technics to real-world cases and recommend investment decisions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)			
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Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Competition Policy		12-M-WPE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: <ul style="list-style-type: none"> <li>• repeated games and factors affecting likelihood of collusion</li> </ul> </li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol> <p>The course will be taught in English.</p>		
Intended learning outcomes		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.</p>		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Topics in International Marketing		12-M-TMA-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title		Abbreviation
China in the Global Economy		04-CBE6-182-m01
Module coordinator		Module offered by
holder of the Chair of China Business and Economics		Institute of East and South Asian Cultural Studies
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
2 semester	graduate	--
<b>Contents</b>		
Over the past decades Chinese have emerged as important players in the global economy and the Chinese government as an important power in global economic governance. This module offers an introduction into China's international economic relations both from an economic and a political perspective. It specifically addresses strategies of Chinese firms for global markets and explores whether and how these differ compared to suggestions in standard international business and economics literature		
<b>Intended learning outcomes</b>		
Students learn to assess the importance of China's economy in the global context and to evaluate China's international economic strategies. They can apply international business and economics concepts to the Chinese context and adapt them to the situation of Chinese firms. The module enables them to analyze emerging issues in international trade and investment from both the Chinese and an international perspective.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English or Chinese		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 15 minutes) Language of assessment: English and Chinese creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) exchange program Business Management and Economics (2022)		

Module title			Abbreviation
Project Module International Business & Strategy I			12-M-PIBST1-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in International Business & Strategy.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)			

Module title			Abbreviation
Project Module International Business & Strategy II			12-M-PIBST2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in International Business & Strategy.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)			

Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowd-sourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automatize and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
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 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
<b>Intended learning outcomes</b>		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 5		12-M-NMA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
<b>Additional information</b>		
Module can be taught in form of E Learning course or as a block.		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 208 / 1020

Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
Industrial Management 6		12-M-NMB-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
<b>Additional information</b>		
Module can be taught in form of E Learning course or as a block.		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 210 / 1020

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
International Financial Management		12-M-IFM-222-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module introduces students to the financial management of firms engaged in a globalized business environment. Topics include the foreign exchange market, the international monetary system as well as the determination of exchange rates and foreign currency risk. The module also covers international capital markets and familiarizes students with methods and data sources required for the analysis of international financial markets.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy, Master Management</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students who complete the module will have a basic understanding of the theoretical and practical aspects of international financial management. Moreover, they should also be able to understand current developments in financial markets and interpret them using the theoretical foundations and practical examples covered in the module.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)



## **Management & Leadership**

(60 ECTS credits)

## Core

(20 ECTS credits)

Module title			Abbreviation
Strategic Marketing			12-M-SM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Description: The module raises awareness in students of the relevance and necessity of strategic management in a competitive and dynamical competitive process.			
Content: Based on the marketing strategies as well as the stakeholder and entrepreneurship approaches, this module discusses the roots of the concept of strategy in marketing based on Drucker, Porter, Ansoff and Mintzberg. The focus of the module is on thinking in competitive advantages, which is directly related to responsible leadership.			
Outline of syllabus: 1. Competitive dynamics requires strategy and leadership 2. Marketing strategies, stakeholder management and entrepreneurship 3. Objectives and tasks of corporate governance in management practice 4. Competitive forces, strategies and benefits according to Michael Porter 5. Growth strategies and marketing myths 6. Future technologies, new businesses and dynamic capabilities 7. Nature and principles of responsible management			
Reading: Barnard, CI (1938): The Functions of the Executive, Harvard University Press, Cambridge, Massachusetts. Eschenbach, R.; Eschenbach, S.; Kunesch, H. (2008): Strategische Konzepte: Management-Ansätze von Ansoff bis Ulrich, 5th ed., Schäffer-Poeschel Stuttgart. Freeman, RE (2010): Strategic Management: A Stakeholder Approach, Cambridge University Press. Grant, R. M.; Nippa, M. (2006): Strategisches Management: Analyse, Entwicklung und Implementierung von Unternehmensstrategien, 5th ed., Pearson Munich. Hinterhuber, H. H. (2011): Strategische Unternehmensführung -- I. Strategisches Denken, 8th ed., Erich Schmidt Verlag, Berlin. Hungenberg, H. (2012): Strategisches Management in Unternehmen: Ziele -- Prozesse -- Verfahren, 7th ed., Gabler, Wiesbaden. Johnson, G.; Scholes, K.; Whittington, R. (2009): Fundamentals of Strategy, 1st ed., Financial Times and Prentice Hall Harlow. Kotler, P.; Berger, R.; Bickhoff, N. (2010): The Quintessence of Strategic Management, Springer, Heidelberg. Laasch, O.; Conaway RN (2014): The Principles of Responsible Management: Global Sustainability, Responsibility, and Ethics, Cengage Stamford. Meffert, H.; Burmann, C.; Kirchgeorg, M. (2012): Marketing -- Grundlagen marktorientierter Unternehmensführung, 11th ed., Gabler, Wiesbaden. Meyer, M. (1995): Ökonomische Organisation der Industrie: Netzwerkarrangements zwischen Markt und Unternehmung, Gabler, Wiesbaden. Müller-Stewens, G.; Lechner, C. (2011): Strategisches Management -- Wie strategische Initiativen zum Wandel führen, 4th ed., Schäffer-Poeschel Stuttgart. Porter, M. (1999): Wettbewerb und Strategie, Econ Munich. (Original: Porter, M.: On Competition, Boston, 1998.) Porter, M. (2014): Wettbewerbsvorteile -- Spitzenleistungen erreichen und behaupten, 8th ed., Campus Frankfurt / New York. (Original: Porter, M.: Competitive Advantage, New York, 1985)			
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Porter, M. (2013): Wettbewerbsstrategie -- Methoden zur Analyse von Branchen und Konkurrenten, 12th ed., Campus, Frankfurt / New York. (Original: Porter, M.: Competitive Strategy, New York, 1980)  
Welge, M. K.; Al-Laham, A. (2012): Strategisches Management: Grundlagen -- Prozesse -- Implementierung, 6th ed., Springer Wiesbaden.

### Intended learning outcomes

The students have a deeper understanding of the sustainable corporate management and have the basics of the competitive process and competitive dynamics available. In addition, they can use the acquired knowledge, while taking into account the conventional problems of the strategic and sustainable management, to solve business case studies on their own.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)  
Language of assessment: German and/or English

### Allocation of places

--

### Additional information

--

### Workload

150 h

### Teaching cycle

--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Human Resource Management and Industrial Relations		12-M-HRM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The lecture "Human Resource Management and Industrial Relations" introduces advanced theories, estimation techniques and empirical results from the areas of human resources management and institutional frameworks such as the different actors in industrial relations.</p> <p>Syllabus</p> <p>Introduction: Human Resource Management &amp; Industrial Relationships</p> <p>Chapter 1: The employment contract [formal model]</p> <p>Chapter 2: Motivation [formal model]</p> <p>Chapter 3: Employee resistance against reorganisations [empirical study]</p> <p>Chapter 4: The role of works councils [formal model]</p> <p>Chapter 5: Works councils and the employer wage structure [empirical study]</p> <p>Chapter 6: The behaviour of labour unions [formal model]</p> <p>Chapter 7: Learning process of employers [formal model and empirical study]</p> <p>Chapter 8: Demographic challenges of HRM [formal model and empirical study]</p>		
Intended learning outcomes		
The aim of the lectures is to enable students to understand and apply advanced theories, estimation techniques and empirical results in the area human resource management and industrial relations on the basis of scientific literature.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
20 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Labour Economics		12-M-OEA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course provides an overview of the field of modern labor economics. The course will cover the following topics:</p> <ol style="list-style-type: none"> <li>1. Labor supply</li> <li>2. Labor demand</li> <li>3. Human capital formation</li> <li>4. Compensating wage differentials</li> <li>5. Discrimination</li> </ol> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics. Students are expected to read the scientific articles in advance and will be asked to discuss them in small groups during class. In addition, a discussion of the articles will help illustrating how established scholars approach the core questions in modern labor economics and giving students an understanding of high quality empirical research.</p> <p>The main reference for the lecture is Cahuc and Zylberberg. (2004): "Labor Economics", 1st edition, Massachusetts Institute of Technology. In addition, we will discuss well-published economic articles related to the single topics discussed in class.</p>		
Intended learning outcomes		
<p>The aim of this course is to acquaint students with classical as well as modern topics in labor economics and to encourage the development of research interest in this field. As such, the course's objective is to familiarize students with both the core theoretical models of labor economics as well as the main econometric methods used to provide empirical evidence.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(40 ECTS credits)

Module title			Abbreviation
Strategic Marketing			12-M-SM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Description: The module raises awareness in students of the relevance and necessity of strategic management in a competitive and dynamical competitive process.			
Content: Based on the marketing strategies as well as the stakeholder and entrepreneurship approaches, this module discusses the roots of the concept of strategy in marketing based on Drucker, Porter, Ansoff and Mintzberg. The focus of the module is on thinking in competitive advantages, which is directly related to responsible leadership.			
Outline of syllabus: 1. Competitive dynamics requires strategy and leadership 2. Marketing strategies, stakeholder management and entrepreneurship 3. Objectives and tasks of corporate governance in management practice 4. Competitive forces, strategies and benefits according to Michael Porter 5. Growth strategies and marketing myths 6. Future technologies, new businesses and dynamic capabilities 7. Nature and principles of responsible management			
Reading: Barnard, CI (1938): The Functions of the Executive, Harvard University Press, Cambridge, Massachusetts. Eschenbach, R.; Eschenbach, S.; Kunesch, H. (2008): Strategische Konzepte: Management-Ansätze von Ansoff bis Ulrich, 5th ed., Schäffer-Poeschel Stuttgart. Freeman, RE (2010): Strategic Management: A Stakeholder Approach, Cambridge University Press. Grant, R. M.; Nippa, M. (2006): Strategisches Management: Analyse, Entwicklung und Implementierung von Unternehmensstrategien, 5th ed., Pearson Munich. Hinterhuber, H. H. (2011): Strategische Unternehmensführung -- I. Strategisches Denken, 8th ed., Erich Schmidt Verlag, Berlin. Hungenberg, H. (2012): Strategisches Management in Unternehmen: Ziele -- Prozesse -- Verfahren, 7th ed., Gabler, Wiesbaden. Johnson, G.; Scholes, K.; Whittington, R. (2009): Fundamentals of Strategy, 1st ed., Financial Times and Prentice Hall Harlow. Kotler, P.; Berger, R.; Bickhoff, N. (2010): The Quintessence of Strategic Management, Springer, Heidelberg. Laasch, O.; Conaway RN (2014): The Principles of Responsible Management: Global Sustainability, Responsibility, and Ethics, Cengage Stamford. Meffert, H.; Burmann, C.; Kirchgeorg, M. (2012): Marketing -- Grundlagen marktorientierter Unternehmensführung, 11th ed., Gabler, Wiesbaden. Meyer, M. (1995): Ökonomische Organisation der Industrie: Netzwerkarrangements zwischen Markt und Unternehmung, Gabler, Wiesbaden. Müller-Stewens, G.; Lechner, C. (2011): Strategisches Management -- Wie strategische Initiativen zum Wandel führen, 4th ed., Schäffer-Poeschel Stuttgart. Porter, M. (1999): Wettbewerb und Strategie, Econ Munich. (Original: Porter, M.: On Competition, Boston, 1998.) Porter, M. (2014): Wettbewerbsvorteile -- Spitzenleistungen erreichen und behaupten, 8th ed., Campus Frankfurt / New York. (Original: Porter, M.: Competitive Advantage, New York, 1985)			
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Porter, M. (2013): Wettbewerbsstrategie -- Methoden zur Analyse von Branchen und Konkurrenten, 12th ed., Campus, Frankfurt / New York. (Original: Porter, M.: Competitive Strategy, New York, 1980)  
Welge, M. K.; Al-Laham, A. (2012): Strategisches Management: Grundlagen -- Prozesse -- Implementierung, 6th ed., Springer Wiesbaden.

### Intended learning outcomes

The students have a deeper understanding of the sustainable corporate management and have the basics of the competitive process and competitive dynamics available. In addition, they can use the acquired knowledge, while taking into account the conventional problems of the strategic and sustainable management, to solve business case studies on their own.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)  
Language of assessment: German and/or English

### Allocation of places

--

### Additional information

--

### Workload

150 h

### Teaching cycle

--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		



<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Human Resource Management and Industrial Relations			12-M-HRM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture "Human Resource Management and Industrial Relations" introduces advanced theories, estimation techniques and empirical results from the areas of human resources management and institutional frameworks such as the different actors in industrial relations.			
Syllabus			
Introduction: Human Resource Management & Industrial Relationships			
Chapter 1: The employment contract [formal model]			
Chapter 2: Motivation [formal model]			
Chapter 3: Employee resistance against reorganisations [empirical study]			
Chapter 4: The role of works councils [formal model]			
Chapter 5: Works councils and the employer wage structure [empirical study]			
Chapter 6: The behaviour of labour unions [formal model]			
Chapter7: Learning process of employers [formal model and empirical study]			
Chapter8: Demographic challenges of HRM [formal model and empirical study]			
Intended learning outcomes			
The aim of the lectures is to enable students to understand and apply advanced theories, estimation techniques and empirical results in the area human resource management and industrial relations on the basis of scientific literature.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
Allocation of places			
20 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.			
Additional information			
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Corporate Entrepreneurship			12-M-UGF1-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an ‘intrapreneurial’ or entrepreneurial career.</p> <p>(1) Introduction to corporate entrepreneurship</p> <p>(2) Antecedents and forms of corporate entrepreneurship</p> <p>(3) Corporate strategy and corporate entrepreneurship</p> <p>(4) Organizational structure and corporate entrepreneurship</p> <p>(5) Human resource management and corporate entrepreneurship</p> <p>(6) Building supportive organizational cultures</p> <p>(7) Entrepreneurial control systems</p> <p>(8) Entrepreneurial leadership</p> <p>(9) The corporate entrepreneur as a champion and diplomat</p> <p>(10) The pay-off from corporate entrepreneurship</p> <p>(11) Corporate venture capital</p> <p>(12) Corporate entrepreneurship in nonprofit and government organizations</p> <p>(13) Universities and academic spin-offs</p> <p>(14) Wrap-up and Q&amp;A</p>			
Intended learning outcomes			
<p><i>Educational aims</i></p> <ul style="list-style-type: none"><li>• Clarify the role of corporate entrepreneurship</li><li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li><li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li><li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li></ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"><li>• Create and evaluate concepts related to corporate entrepreneurship</li><li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li><li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li><li>• Systematically choose between different routes of action</li></ul>			
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Labour Economics		12-M-OEA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course provides an overview of the field of modern labor economics. The course will cover the following topics:</p> <ol style="list-style-type: none"> <li>1. Labor supply</li> <li>2. Labor demand</li> <li>3. Human capital formation</li> <li>4. Compensating wage differentials</li> <li>5. Discrimination</li> </ol> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics. Students are expected to read the scientific articles in advance and will be asked to discuss them in small groups during class. In addition, a discussion of the articles will help illustrating how established scholars approach the core questions in modern labor economics and giving students an understanding of high quality empirical research.</p> <p>The main reference for the lecture is Cahuc and Zylberberg. (2004): "Labor Economics", 1st edition, Massachusetts Institute of Technology. In addition, we will discuss well-published economic articles related to the single topics discussed in class.</p>		
Intended learning outcomes		
<p>The aim of this course is to acquaint students with classical as well as modern topics in labor economics and to encourage the development of research interest in this field. As such, the course's objective is to familiarize students with both the core theoretical models of labor economics as well as the main econometric methods used to provide empirical evidence.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Employment Law			12-M-AFW-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
2 semester	graduate	--	
Contents			
Contents: employment and labour law and works constitution law incl. collective agreement law			
Employment and Labour law			
Legal sources of employment and labour law			
Definitions, employment and labour law, employees			
The employment contract			
<ul style="list-style-type: none"><li>• Job application, permissible and impermissible questions in job interviews, consequences of lying, contesting the employment contract</li><li>• General Equal Treatment Act, claims for damages by applicants</li><li>• Conclusion of an employment contract, form, evidence under the Law of Proof of Substantial Conditions Applicable to the Employment Relationship</li><li>• Contents of the employment contract, company practice, overall commitment, reservation of the right of voluntariness and revocation</li><li>• General terms and conditions of business and control of terms and conditions of employment, invalid clauses and their consequences</li><li>• Limitation of the term of the employment contract, fixed term employment contracts</li></ul>			
Rights and duties arising from the employment relationship			
<ul style="list-style-type: none"><li>• Primary and secondary duties</li><li>• Employer's right to issue instructions, permissible and impermissible instructions</li><li>• Sickness, obligations to report and provide evidence under the Continued Remuneration Act</li><li>• Secondary employment, prohibition of competition, duty of confidentiality, occupational health and safety</li><li>• Granting of holiday leave</li><li>• Continued payment of wages in the event of illness, restrictions</li></ul>			
Severe disability, special rights and protection against dismissal			
Working hours and the Working Hours Act			
The warning, formal and material requirements, consequences			
Termination of employment			
<ul style="list-style-type: none"><li>• Termination agreement</li><li>• Termination of employment</li><li>• Formal requirements</li><li>• Ordinary and extraordinary termination by the employer</li><li>• Behavioral termination</li><li>• Person-related (illness-related) dismissal</li></ul>			
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- Dismissal for operational reasons
- Special protection against dismissal

### **Works constitution law incl. collective bargaining law**

Legal sources of works constitution law

Definitions, company, works council, employee

The works council and its role

- Works council elections
- Start, end, duration of term of office
- Legal status of members, honorary office, leave of absence, special protection against dismissal
- Entitlement for training, works council costs
- Works meetings
- General works council, group works council, youth/apprentice representation

Material co-determination of the works council, participation

- Information rights (access to gross pay roll, expert advice)
- Consultation rights (consultation before each dismissal, right to object)
- Consultation rights (involvement of the economic committee, changes in operations)

Co-determination in the narrower sense

- Rights of consent and objection (staff questionnaire, selection guidelines, recruitment, transfers)
- Refusal of consent, legal proceedings Substitution of consent

Co-determination rights

- Enforceable co-determination, conciliation board, composition, procedure, decision
- Mandatory co-determination rights of works council, e.g. regarding
- Conduct of the workplace (smoking and alcohol bans, formalized sick leave talks, occupational integration management)
- Working hours, breaks, shift and flexi-time models, overtime, short-time work
- Holidays, company holidays
- Technical equipment for monitoring (time recording, access systems, video surveillance, telephone and internet use, skills database)
- Occupational health and safety
- Social facilities (canteen, company kindergarten)
- Company wage structure, remuneration (piece rates, bonuses)
- Company changes, reconciliation of interests and social plan

### **Collective bargaining law**

Definition, contractual and normative part, legal effect

Application of collective agreements, parties of collective agreements

Dynamic and static clauses referring to a collective agreement

Collective agreement and company agreements, blocking effect of collective agreement

Collective arbitration board in cases of compulsory works council co-determination

### **Intended learning outcomes**

**At the end of this course, students will have the following competences:**

Students gain solid basic knowledge of employment and labour law, the works council and its tasks and an overview of collective agreement law. At the same time, methodically and substantively sound legal knowledge is conveyed and practical relevance is established with case studies and current case law.

By working on an exam in the form of a legal opinion, the students are taught to solve a demanding legal issue with legal problems in a given time. Within a narrow thematic field and a time-limited framework, they are able to work on a legal issue in a well-founded and largely independent manner.

Within the framework of the term paper on a judgement of the Federal Labour Court, the students deal with a concrete case and the case law of the highest German labour court. They are familiarised with the methods of legal work and are enabled to work independently in a problem-solving manner. In addition to understanding the facts of the case and the legal problems, they will focus primarily on the consequences of the judgement for their practice. Here, the legal knowledge imparted will be implemented with a practical approach and the opportunity to creatively develop their own recommendations on how to deal with the judgement. In addition, the students present the case and their own conclusions for practice. In the group discussion, the other students have the opportunity to gather further knowledge and actively participate in the exchange of opinions on current judgements and case law.

The knowledge imparted is relevant for a wide range of professional fields of activity and is especially valuable for students who will work in the field of human resources or are interested in the field of employee management.

**Courses** (type, number of weekly contact hours, language — if other than German)

S (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

[a] written examination (approx. 120 minutes) and b) talk (approx. 30 minutes), weighted 3:2] or [a] written examination (approx. 120 minutes) and b) presentation (approx. 15 minutes) and c) written elaboration of presentation (approx. 10 pages), weighted 3:1:1]

#### Allocation of places

30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.

#### Additional information

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#### Workload

150 h

#### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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#### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Communication in Business and Economics			12-M-BUC-182-m01
Module coordinator		Module offered by	
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The lecture names introductory relevant communication models. Furthermore, the theoretical models of PR are discussed. The added value of communication for companies, business, politics, and science is explained. The discrepancy between journalism and PR is discussed, as well as the basic elements, instruments, goals, and forms of PR. The preparation and implementation of press meetings, conferences, campaigns, and events will be systematically explained, and the central aspects of corporate communications will be outlined. The exercise deals with the practical implementation of journalistic styles in the various media and provides an overview of the possibilities and concepts of PR work across different media and target groups.</p>			
Intended learning outcomes			
<p>After participating in the module courses, students are able to understand and apply PR and its forms, elements as well as methods and in a holistic context. Students learn professional competencies in the field of (business) communication with regard to reflection, argumentation, and exchange as a PR consultant in different areas. In addition, students will be able to apply concrete PR instruments in practice and prepare them professionally.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
<p>V (2) + Ü (2) Module taught in: English</p>			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>written examination (approx. 60 minutes) Language of assessment: English creditable for bonus</p>			
Allocation of places			
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Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)</p>			
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Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Behavioral Economics		12-M-BEC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Behavioral economics refers to the field of research which, inspired by numerous documented deviations from the rational behavior assumed in neoclassical analysis, tries to improve the psychological realism of the idea of man in economics by incorporating insights from psychology into traditional economic analysis. In this course students will become familiar with several of the most influential behavioral-economic theories of individual decision making, which allows to explain a plethora of empirically documented deviations from the neoclassical model. These behavioral-economic theories usually contain the neoclassical standard model as special case and therefore are to be considered as an extensions of rather than alternatives to the neoclassical model. While the focus of this lecture is on theories of individual decision making, we will explore the implications of these theories also in the context of market settings.</p> <p>As behavioral economics represents an extension of the neoclassical model, a solid understanding of the latter is required for this course. In consequence, the course is intended in particular for advanced students who completed the class "Advanced Microeconomics".</p> <p>While the exposition is primarily based on research articles, some topics of the lecture can be reviewed in the following textbooks:</p> <ul style="list-style-type: none"> <li>• Dahmi (2016): "The Foundations of Behavioral Economic Analysis"</li> <li>• Angner (2012): "A Course in Behavioral Economics"</li> <li>• Wilkinson and Klaes (2012): "An Introduction to Behavioral Economics"</li> <li>• Wakker (2010): "Prospect Theory for Risk and Ambiguity"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of behavioral economic theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• recognize in which real life situations and how the results can be applied.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Accounting in the Company Management		12-M-CIU-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Within the module, theoretical basics of change management are covered. In addition, we present and jointly analyze existing change projects in detail. We try to answer related questions, too. For example, the module discusses how to involve stakeholders in change, what motivates them to embrace change, and whether participation is a universal principle. The module covers projects like merging two departments, restarting a department with team building, conducting an employee survey, or developing a new mission statement. The majority of the projects are taken from the social sector, but can be transferred to industry and SMEs.		
Intended learning outcomes		
After participating the lecture, students will be able to understand the occurrence of resistance and massive emotional reactions in change processes. Change processes can be critically analyzed and the use of typical instruments in change processes can be questioned. Students are able to identify the typical pitfalls and hurdles in these processes and are able to use their knowledge for own future projects as well as to create their own solutions in change processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		
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Module title			Abbreviation
Market Research and Demand Analysis			12-M-EIO-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<div>1. (Recap of) Econometric methods<ul style="list-style-type: none"><li>• Ordinary Least Squares (OLS)</li><li>• Endogeneity and how to deal with it (Instrumental Variables)</li></ul></div> <div>2. Estimation of demand<ul style="list-style-type: none"><li>• Representative consumer models</li><li>• Multinomial Logit Model (ML) and extensions</li><li>• Discrete choice models with individual data</li><li>• Discrete choice models with aggregate data</li></ul></div> <div>3. Further applications<ul style="list-style-type: none"><li>• Demand and Supply estimation</li><li>• Inferring marginal costs</li><li>• Using structural models for counterfactual policy analysis</li></ul></div>			
Intended learning outcomes			
The students taking this class will learn modern empirical methods in studying questions related to industry outcomes. They will become familiar with methods used in estimating demand and during exercises will learn how one can implement these methods in practice using statistical software. The lectures will help students to have a thorough understanding of the so-called New Empirical Industrial Organization (NEIO) methodology. The students will become familiar with methods used in estimating demand and imperfect competition models among firms. They will learn how to use such models to infer marginal costs as well as constructing policy simulations based on the estimated models to evaluate the effects of changes in the competitive environment, such as mergers. A student that successfully completes this course will not only be able to read empirical academic papers but will also implement a few important models in computer exercises. Furthermore, students will be able to draw implications of empirical studies for economic policy in areas such as antitrust and regulation.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)			
Language of assessment: English			
creditable for bonus			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			
Teaching cycle			
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Empirical HR Research with Stata			12-M-EPF-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The seminar "Empirische Personalforschung" ("Empirical Personnel Economics") introduces and discusses the most important estimation problems and their application in the software package STATA. In addition, students learn, with the help of basic problems of personnel economics, how estimation programs are programmed in STATA.</p> <p>Reading list to be provided in class.</p>			
Intended learning outcomes			
<p>The aim of the seminar is to enable students to understand and apply the most important estimation programmes and their application in STATA with a focus on problems in personnel economics.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 10 pages)</p> <p>Assessment offered: Once a year as announced</p> <p>Language of assessment: German and/or English</p>			
Allocation of places			
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>			
Additional information			
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Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>			
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Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Coordination, Budgeting and Incentives in Organizations			12-M-KOBO-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.			
Intended learning outcomes			
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 250 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 252 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Microeconometrics		12-M-MIK-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course teaches basics, methods and concepts for the analysis of individual data. The scaling of observed data is adequately addressed. The maximum likelihood method, which is important for this type of data, is explained in detail.		
<b>Outline</b>		
What is microeconometrics? Models for qualitatively dependent variables Models for limited dependent variables Time-dependent models		
<b>References</b>		
Greene, W. H.: Econometric Analysis, Philip Alan. Ronning, G.: Microeconometrics, Springer Verlag. Verbeek, M.: Modern Econometrics, Wiley. Winkelmann, R., Boes, S.: Analysis of Microdata, Springer Verlag.		
<b>Intended learning outcomes</b>		
Students have significant knowledge of the maximum likelihood method and the most important models for qualitatively and limited dependent variables. They can autonomously perform estimations with statistic programs such as R and interpret the results meaningfully		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: German (winter semester), English (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p> <p>Master's degree (1 major) Economathematics (2022)</p>

Module title		Abbreviation
<b>Econometrics 2</b>		12-M-OE2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basics, concepts and methods of the generalized least squares (GLS) framework. Partly as a motivation for the GLS model and partly for its own right, different specification and data problems as well as violations of model assumptions of the OLS estimator (as introduced in "Ökonometrie I" ("Econometrics I")) are discussed. This includes multicollinearity, a test for structural breaks, heteroskedasticity and autocorrelation. Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Specification analysis</li> <li>2. Multicollinearity</li> <li>3. Heteroskedasticity</li> <li>4. Autocorrelated disruptive terms</li> <li>5. Generalized least squares (GLS)</li> </ol>		
Intended learning outcomes		
Students acquire essential knowledge of the fundamentals, methods and concepts for estimating the generalized linear regression model (GLS) and can apply and interpret it. They are sensitized for specification problems, data problems and violations of the assumptions of the classical linear model (OLS) in order to be able to recognize, to assess and therefore adequately deal with these problems in theory and practice. This enables them to critically assess the use of the estimation methods in scientific work, to work independently on adequate implementation of empirical analyzes and to answer selected (economic) scientific issues if available data with the above-mentioned involved problems. The competences acquired in this course serve as a prerequisite for "Econometrics III", "Microeconometrics" und "Financial Econometrics".		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Econometrics 3			12-M-OE3-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Error-in-variables</li><li>2. IV estimation</li><li>3. Generalized least squares estimation</li><li>4. Distributed lag models</li><li>5. Stationary uni- and multivariate processes</li><li>6. Deterministic and stochastic trends</li><li>7. Integrated and cointegrated processes</li></ol>			
Intended learning outcomes			
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			

<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		

The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
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<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Entrepreneurship		12-M-UGF3-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module provides an introduction into digital entrepreneurship and digital transformation. (1) Introduction (2) Digital business models (3) Identifying and exploiting opportunities for digital entrepreneurship (4) Strategies for creating competitive advantage in digital entrepreneurship (5) Digital marketing for entrepreneurs (6) Crowdfunding for entrepreneurs (7) Design thinking (8) Lean startup (9) Platform ecosystems and online communities (10) Digital strategy and digital transformation (11) The agile organization (12) Crowdsourcing (13) Cyberfraud (14) Wrap-up and Q&A		
<b>Intended learning outcomes</b>		
Educational aims: Clarify the role of digital entrepreneurship and digital transformation. Explain theoretical concepts and mechanisms behind digital entrepreneurship and digital transformation. Enable students to critically appraise alternative approaches to digital entrepreneurship and digital transformation. Enable students to evaluate the boundaries and risks of digital entrepreneurship and digital transformation Learning outcomes: On successful completion of this module students will be able to (1) Assess the role of digital entrepreneurship and digital transformation for creating and sustaining competitive advantage, (2) Create and evaluate concepts related to digital entrepreneurship and digital transformation, (3) Make judgements about the organizational and managerial implications of digital entrepreneurship and digital transformation, (4) Systematically choose between different routes of action.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Human-Computer-Interaction (2018) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 266 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Human-Computer-Interaction (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Change Management		12-M-CHA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Within the module, theoretical basics of change management are covered. In addition, we present and jointly analyze existing change projects in detail. We try to answer related questions, too. For example, the module discusses how to involve stakeholders in change, what motivates them to embrace change, and whether participation is a universal principle. The module covers projects like merging two departments, restarting a department with team building, conducting an employee survey, or developing a new mission statement. The majority of the projects are taken from the social sector, but can be transferred to industry and SMEs.		
Intended learning outcomes		
After participating the lecture, students will be able to understand the occurrence of resistance and massive emotional reactions in change processes. Change processes can be critically analyzed and the use of typical instruments in change processes can be questioned. Students are able to identify the typical pitfalls and hurdles in these processes and are able to use their knowledge for own future projects as well as to create their own solutions in change processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 268 / 1020

Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)



Module title		Abbreviation
Topics in Entrepreneurship		12-M-TENT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the crediting of achievements</p> <ul style="list-style-type: none"> <li>• from domestic or foreign universities</li> <li>• of short-term additional offers</li> <li>• Offers of new chairs before they are included in the subject-specific regulations.</li> </ul> <p>Credit eligibility is provided by the chair holders.</p>		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be made.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title		Abbreviation
Topics in HRM and Organization		12-M-THRM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This is a dummy module for not regular lectures.		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be made.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)		

Module title		Abbreviation
Topics in Labour Economics		12-M-TLE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p> <p>.</p>		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be made.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title		Abbreviation
Topics in International Marketing		12-M-TMA-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title			Abbreviation
Project Module Management & Leadership I			12-M-PMALe1-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Management & Leadership.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)			

Module title		Abbreviation
Project Module Management & Leadership II		12-M-PMALe2-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module is designed to provide credit for work completed in project seminars in Management & Leadership.		
<b>Intended learning outcomes</b>		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)		

Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowdsourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automatize and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
Intended learning outcomes		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 278 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 5		12-M-NMA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 282 / 1020

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Industrial Management 6		12-M-NMB-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
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Master's degree (1 major) Econometrics (2022)



# **Operations & Information Management**

(60 ECTS credits)

## Core

(20 ECTS credits)

Module title		Abbreviation
Industrial Management 2		12-M-LA-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module analyses and classifies approaches of production planning and control. In addition, it develops methods and models of lot sizing and scheduling. The focus is on the determination of optimal production and transport volumes as well as the planning of orders and manufacturing orders.		
Intended learning outcomes		
Students learn essential concepts, principles and methods of production planning and control with emphasis on the determination of optimal production and transport volumes as well as the planning of production and order sequences. Then, based on this expertise related knowledge broadening and deepening, essential competencies are conveyed, which allow the imaging of realistic situations and problems using mathematical and quantitative models for the derivation and assessment of alternative courses of action. After completion of the module students can answer, analyze and structure questions of production planning and control, goal-oriented. They can also arrange the planning areas in the overall business context and have an in-depth overview of the production planning and control.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 288 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Operations & Logistics Management		12-M-AOLM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Advanced Operations & Logistics Management" acquaints students with advanced methods for the planning of integrated production and logistics systems and demonstrates the application of these with the help of multiple case studies		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate integrated production and logistics systems; (ii) develop and apply appropriate methods to plan complex production and logistics systems; (iii) evaluate the consequences of uncertainties in processes, and (iv) apply concepts and methods to plan uncertainties processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title			Abbreviation
Analytical Information Systems			12-BI-161-m01
Module coordinator		Module offered by	
holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course provides an overview of the structure and applications of analytical information systems. A special focus is on individual quantitative methods of data analysis. A basic knowledge of statistics and data modelling is a prerequisite for participation in this module.			
Intended learning outcomes			
The module provides students with knowledge of: (i) Data Warehousing & OLAP (ii) Operational application areas and methods of data analysis			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.			
Additional information			
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Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)			
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exchange program Business Management and Economics (2022)

Module title		Abbreviation
Decision Support Systems		12-M-DSS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course discusses advanced approaches for modelling and solving decision problems in business settings. The acquired insights are used to design and implement decision support systems using standard software tools (Python).		
Intended learning outcomes		
<p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the structure of classic business decision problems</li> <li>• Isolate key elements from general problem descriptions and convert them to quantitative decision models</li> <li>• Solve different classes of optimization problems (linear, network, integer, multi-objective, non-linear, stochastic)</li> <li>• Implement decision support systems</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

## Core Electives

(40 ECTS credits)

Module title		Abbreviation
Industrial Management 2		12-M-LA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module analyses and classifies approaches of production planning and control. In addition, it develops methods and models of lot sizing and scheduling. The focus is on the determination of optimal production and transport volumes as well as the planning of orders and manufacturing orders.		
Intended learning outcomes		
Students learn essential concepts, principles and methods of production planning and control with emphasis on the determination of optimal production and transport volumes as well as the planning of production and order sequences. Then, based on this expertise related knowledge broadening and deepening, essential competencies are conveyed, which allow the imaging of realistic situations and problems using mathematical and quantitative models for the derivation and assessment of alternative courses of action. After completion of the module students can answer, analyze and structure questions of production planning and control, goal-oriented. They can also arrange the planning areas in the overall business context and have an in-depth overview of the production planning and control.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 299 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Operations & Logistics Management			12-M-AOLM-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course "Advanced Operations & Logistics Management" acquaints students with advanced methods for the planning of integrated production and logistics systems and demonstrates the application of these with the help of multiple case studies			
Intended learning outcomes			
After completing this course students can (i) analyze and evaluate integrated production and logistics systems; (ii) develop and apply appropriate methods to plan complex production and logistics systems; (iii) evaluate the consequences of uncertainties in processes, and (iv) apply concepts and methods to plan uncertainties processes.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)			
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 303 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Analytical Information Systems		12-BI-161-m01
Module coordinator		Module offered by
holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course provides an overview of the structure and applications of analytical information systems. A special focus is on individual quantitative methods of data analysis. A basic knowledge of statistics and data modelling is a prerequisite for participation in this module.		
Intended learning outcomes		
The module provides students with knowledge of: (i) Data Warehousing & OLAP (ii) Operational application areas and methods of data analysis		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 305 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
Decision Support Systems		12-M-DSS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course discusses advanced approaches for modelling and solving decision problems in business settings. The acquired insights are used to design and implement decision support systems using standard software tools (Python).		
Intended learning outcomes		
<p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the structure of classic business decision problems</li> <li>• Isolate key elements from general problem descriptions and convert them to quantitative decision models</li> <li>• Solve different classes of optimization problems (linear, network, integer, multi-objective, non-linear, stochastic)</li> <li>• Implement decision support systems</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Business Software 1: IS-based Enterprise Management			12-GPU-182-m01
Module coordinator		Module offered by	
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Content:</p> <p>This module provides students with an overview of the structure of a business information system (SAP Business ByDesign) in depth.</p> <p>Outline of syllabus:</p> <p>1. Integrated information systems: integration, standard software, system architecture</p> <p>2. Working with standard business software</p> <p>3. Consulting in integrated information systems: project management, project organisation, presentation skills</p> <p>Description:</p> <p>The lecture will be accompanied by an exercise that will present students with an opportunity to access, in small groups, the enterprise resource planning system operated by the Chair in its ERP laboratory and to work with the software, dealing with a wide variety of business processes.</p> <p>If you would like to register for this course, please submit an application to the consultants (cover letter, CV, certificates; please also specify your degree programme and student ID number).</p>			
Intended learning outcomes			
<p>After completing the course "Business Software 1", students will be able to</p> <p>(i) understand an ERP system in its depth;</p> <p>(ii) understand the interaction of business processes;</p> <p>(iii) execute business tasks and processes in an ERP system independently (after participation in the practice lessons).</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: Once a year, winter semester</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
<p>20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.</p>			
Additional information			
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 4		12-M-BE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This course will develop the objectives, principles and structure of electronically supported procurement processes with a special focus on catalogue-based procurement systems, electronic tendering systems, electronic (reverse) auctions, e-marketplaces, supplier relationship management systems and eSupply chain management systems.		
Intended learning outcomes		
The students will be able to describe and evaluate both the potentials and goals of electronic supported procurement systems and will be able to design appropriate systems for real-life applications. Students will get insight into the essentials of operational procurement management, especially e-procurement with a focus on catalogue-based procurement systems, electronic tendering systems, electronic (reverse) auctions, e-marketplaces, supplier relationship management systems and eSupply chain management systems. After completing this module, students can define and analyze the related tasks and processes and show or develop theory-based and application-oriented possible solutions at a high professional level.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, 15 places will be set aside for students of the Master's degree programmes Management and International Economic Policy or Economics and 5 places will be set aside for students of the Master's degree programme Wirtschaftsinformatik (Business Information Systems).		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
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Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Microeconomics		12-M-AM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In a nutshell, microeconomic theory considers the behavior of individual economic agents and builds from this foundation to a theory of aggregate economic outcomes, which then can be applied for conducting welfare analysis and giving policy advice. This lecture addresses the core building block of this thought complex: individual decision making and behavior. Specifically, students will come to understand in detail the standard models of riskless consumer choice, choice under risk and intertemporal choice and learn about the empirical challenges and limitations of these models.</p> <p>Throughout the lecture, we will work with precise mathematical formalizations of the ideas that we want to think and talk about. In consequence, a solid understanding of the mathematical toolbox of standard microeconomics (e.g., differential calculus and constrained optimization; basic set theory; integration by parts) will be helpful as it will allow to focus on the underlying economic intuition. However, every required mathematical concept will be introduced and explained along the way, such that a strong interest in formal economic analysis is more important than an advanced mathematical background.</p> <p>The exposition is primarily based on the standard graduate textbooks</p> <ul style="list-style-type: none"> <li>• Mas-Colell, Whinston and Green (1995): "Microeconomic Theory"</li> <li>• Jehle and Reny (2001): "Advanced Microeconomic Theory"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of microeconomic theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• recognize in which real life situations and how the results can be applied.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Contract Theory		12-M-CT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>During the 1960/70s, microeconomic theory came to acknowledge that many (if not most) economic transactions are characterized by asymmetric distribution of information – i.e., at least one of the parties participating in a transaction usually is privy to information that the remaining parties do not have access to. This asymmetric distribution of information subsequently was recognized to be a major impediment for transactions to be economically efficient. Contract theory addresses the question how the inefficiencies arising from asymmetric distribution of information can best be mitigated by appropriate design of the contractual (or, more generally, institutional) framework that governs the transaction under consideration. This lecture covers the baseline models of “moral hazard” (i.e., situations where one party has private knowledge after a contract has been signed) and “adverse selection” (i.e., situations where one party has private knowledge before a contract is signed). As applications we will address questions discussed in organizational, personnel or industrial economics, such as incentive design within organizations or the design of labor law regulations and competition laws.</p> <p>Even though we will work with precise mathematical formalizations of the ideas that we want to think and talk about, this course requires little more than a solid understanding of basic differential calculus. More important than having a solid mathematical background is having a strong interest in formal economic analysis and fun with logical thinking and puzzle solving.</p> <p>The exposition is primarily based on the following textbook:</p> <ul style="list-style-type: none"> <li>• Laffont and Martimort (2002): "The Theory of Incentives"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of contract theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• interpret the properties of real-life contracts as the outcome of the interaction between two or more contracting parties in the presence of asymmetric information,</li> <li>• evaluate government interventions with regard to their effect on the efficiency properties of the interaction between the contracting parties.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Logistics & Supply Chain Management		12-M-GLSC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Global Logistics & Supply Chain Management" acquaints students with advanced methods for the planning of global production networks and demonstrates the application of these with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate global production networks; (ii) develop and apply appropriate methods to plan production networks; (iii) evaluate the consequences of uncertainties in processes and apply concepts and methods to plan uncertain processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 1		12-M-SBM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course addresses central issues of strategic supply management. The supply function of the company (purchasing, materials management, procurement logistics) and its strategic importance is analysed and basic methods are developed that are relevant in this area.		
Intended learning outcomes		
Students learn the principles of performance-oriented optimization of all procurement activities to develop long-term, competitively sensitive potential for success. After completion of the module students are able to prepare structured, to goal-oriented analyze and to respond to performance-oriented issues of strategic procurement based on key instruments. Students are able to accurately classify the tasks of the procurement and to describe and discuss their strategic importance and dominate essential methods and procedures used in this area to apply.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 319 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 3		12-M-SPM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module will discuss contents and procedures of strategic production management and, in particular, planning and control concepts.</p> <p>Students will become familiar with the essentials of strategic production management. Theoretical and analytical models will be used for analysing both economic and ecological issues. In addition, the module will discuss principles of value structure optimisation and will develop competences regarding the development of integrated mathematical models.</p>		
Intended learning outcomes		
<p>After completion of the module students are able to process, to analyze and answer questions of operations strategy structured and goal-oriented in a global context using appropriate methods. Furthermore, they know the main strategic tasks and objectives in production management and evaluate and apply planning and control concepts for the production in realistic application situations.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Course type: might also be offered as eLearning, seminary, workshop, etc.</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 321 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Information Processing within Organizations		12-IV-161-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of the structure and the application areas of business management information systems in enterprises and public institutions.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. What is software: concepts, categories, application</li> <li>2. Software life cycle: duration, phases, steps</li> <li>3. As-is analysis: tasks, problems</li> <li>4. To-be concept: system design, data design, dialog design, function design</li> <li>5. Object orientation: paradigm shift</li> <li>6. Change management: meaning, methodologies, project management</li> <li>7. Office automation: tasks, areas of application</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Integrated Information Processing", students will be able to</p> <ul style="list-style-type: none"> <li>(i) understand the importance of integration in enterprises, especially in information systems;</li> <li>(ii) assess the progress of development of a software project, estimate cycle costs, know and consider requirements, which brings a software implementation with;</li> <li>(iii) select the correct procedures or practices in an as-is analysis and target conception and practically apply (with participation in the exercise);</li> <li>(iv) understand the importance of change management and project management and know the appropriate methods for specific applications.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 323 / 1020

### Module appears in

Master's degree (1 major) Economathematics (2016)  
 Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Computational Economics		12-M-NGM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This course will mostly be concerned with the analysis of public policy (in areas such as taxation, social security etc.). Providing students with state-of-the-art techniques for quantitative macroeconomic research in this very field and familiarising them with the relevant literature, this course will teach students how such policies redistribute between different generations and also within generations, how they may improve risk sharing when markets are incomplete and how they can trigger distortions and therefore hurt the aggregate economy.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Programming with FORTRAN and application of numerical methods</li> <li>2. Solution techniques for dynamic programming problems</li> <li>3. Policy analysis with stochastic growth and life cycle models</li> </ol> <p>Reading:</p> <p>Lecture notes will be provided.</p>		
<b>Intended learning outcomes</b>		
<p>After completing the course "Advanced Computational EconomicsI" students will be able to</p> <ul style="list-style-type: none"> <li>(i) edit and solve stochastic economic problems using advanced numerical techniques;</li> <li>(ii) implement small scale economic models on the computer;</li> <li>(iii) simulate tax and social security policy reforms and interpret the quantitative results in economic term.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 325 / 1020



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 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: German (winter semester), English (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
<b>Econometrics 2</b>		12-M-OE2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basics, concepts and methods of the generalized least squares (GLS) framework. Partly as a motivation for the GLS model and partly for its own right, different specification and data problems as well as violations of model assumptions of the OLS estimator (as introduced in "Ökonometrie I" ("Econometrics I")) are discussed. This includes multicollinearity, a test for structural breaks, heteroskedasticity and autocorrelation. Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Specification analysis</li> <li>2. Multicollinearity</li> <li>3. Heteroskedasticity</li> <li>4. Autocorrelated disruptive terms</li> <li>5. Generalized least squares (GLS)</li> </ol>		
Intended learning outcomes		
Students acquire essential knowledge of the fundamentals, methods and concepts for estimating the generalized linear regression model (GLS) and can apply and interpret it. They are sensitized for specification problems, data problems and violations of the assumptions of the classical linear model (OLS) in order to be able to recognize, to assess and therefore adequately deal with these problems in theory and practice. This enables them to critically assess the use of the estimation methods in scientific work, to work independently on adequate implementation of empirical analyzes and to answer selected (economic) scientific issues if available data with the above-mentioned involved problems. The competences acquired in this course serve as a prerequisite for "Econometrics III", "Microeconometrics" und "Financial Econometrics".		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Econometrics 3</b>		12-M-OE3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Error-in-variables</li> <li>2. IV estimation</li> <li>3. Generalized least squares estimation</li> <li>4. Distributed lag models</li> <li>5. Stationary uni- and multivariate processes</li> <li>6. Deterministic and stochastic trends</li> <li>7. Integrated and cointegrated processes</li> </ol>		
<b>Intended learning outcomes</b>		
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		

<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 333 / 1020



Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		

The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Management of Global Supply Chains		12-M-SMGS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Description: In the course "Strategic Management of Global Supply Chains", students will become familiar with the basic principles of building an efficient global supply chain and will apply what they have learned working on multiple case studies.		
<b>Intended learning outcomes</b>		
After completing this course students (i) can apply the basic methods and concepts of supply chain management to practical settings and evaluate the results, and (ii) understand the effects of global value chains onto strategic company decisions.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: Supply Chain Competition		12-M-SCC-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In the seminar "Supply Chain Competition", students participate in an online multi-round simulation and apply methods of operations and supply chain management.		
Intended learning outcomes		
After completing this seminar students		
i. selected and applied quantitative models for procurement, production, sales and supply chain management, ii. faced the practical problems when using real data to feed models, iii. and understand the challenges to reach a coordinated decision in a company.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 to 20 pages) and presentation (approx. 10 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
12 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 339 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Theory of Industrial Organization			12-M-TI1-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Theory of industrial organisation:</p> <ol style="list-style-type: none"><li>Monopoly pricing<ul style="list-style-type: none"><li>Nonlinear pricing and mechanism design</li><li>Dynamic pricing: experience goods, durable goods</li></ul></li><li>Oligopoly pricing<ul style="list-style-type: none"><li>Static price and quantity competition in homogeneous and differentiated goods markets</li><li>Comparative statics</li><li>Equilibrium market structure</li></ul></li><li>Dynamic competition in oligopoly markets<ul style="list-style-type: none"><li>Subgame perfect equilibrium and models of dynamic competition</li><li>Repeated games and collusion</li></ul></li><li>Strategic behaviour by incumbent firms<ul style="list-style-type: none"><li>Entry deterrence and predation</li><li>Signalling and reputation</li></ul></li><li>Behavioral Industrial Organization<ul style="list-style-type: none"><li>Reference Dependent Preferences and Framing Effects</li><li>Time inconsistent behavior</li></ul></li></ol> <p>The course will be taught in English.</p>			
Intended learning outcomes			
Students which complete this class will acquire a working knowledge of advanced theoretical models of competition in oligopoly markets as well as sophisticated pricing techniques in monopoly markets. They will learn the conditions under which the predictions of these models are valid. They will become familiar with applications of advanced game theoretic tools, such as dynamic models of competition, for studying interactions between firms in markets. By means of comprehensive exercises, they will apply the methods they learn in class to practically relevant problems. They will be in a position to read academic papers on related topics, assess the strengths and weaknesses of an approach, summarize and comment on these papers and suggest possible extensions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			



<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Applied Industrial Organization		12-M-TI2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This course discusses vertical contracts in supply chains and their impact on competition.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. The classic problem of double marginalisation and its solution by nonstandard contracts (resale price maintenance, nonlinear pricing (rebates), exclusive territories, exclusive dealing etc.)</li> <li>2. Contracts for service</li> <li>3. Common agency</li> <li>4. The delegation principle</li> <li>5. The commitment problem</li> <li>6. Interlocking relationships</li> <li>7. Foreclosure by vertical contracts or mergers</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing the course students are able to</p> <ul style="list-style-type: none"> <li>(i) explain the results of theoretical industrial economics on vertical contracts;</li> <li>(ii) apply the involved methods to given simple examples on their own;</li> <li>(iii) recognize, in which real life situations (and how) the results can be applied;</li> <li>(iv) analyze the impact of certain vertical contracts on competition.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Data Science		12-M-TDS-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Data science is concerned with extracting knowledge and valuable insights from data assets. It is an emerging field that is currently in high demand in both academia and industry. This course provides a practical introduction to the full spectrum of data science techniques spanning data acquisition and processing, data visualization and presentation, creation and evaluation of machine learning models.</p> <p>The course focuses on the practical aspects of data science, with emphasis on the implementation and use of the above techniques. Students will complete programming homework assignments that emphasize practical understanding of the methods described in the course.</p>		
<b>Intended learning outcomes</b>		
<p>Topics covered include:</p> <ul style="list-style-type: none"> <li>• Data acquisition and processing</li> <li>• graph and network models</li> <li>• text analysis</li> <li>• working with geospatial data</li> <li>• Usage of machine learning models (supervised and unsupervised)</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
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Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Real-Time Process Analytics		12-M-RTP-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course teaches advanced approaches to process analytics. Students will learn to model and measure processes and process execution based on past and present data.		
<b>Intended learning outcomes</b>		
After successfully completing the course, students should be able to <ul style="list-style-type: none"> <li>• Understand process modeling and process execution in an SOA</li> <li>• OLAP analysis in a process warehouse</li> <li>• Business Rules for BPM</li> <li>• Complex Event Processing</li> <li>• Event-driven BPM using CEP and Business Rules</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) exchange program Business Management and Economics (2022)		

Module title			Abbreviation
Project Module Operations & Information Management I			12-M-POPIM1-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Operations & Information Management.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
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Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)			

Module title			Abbreviation
Project Module Operations & Information Management II			12-M-POPIM2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module is designed to provide credit for work completed in project seminars in Operations & Information Management.			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
project (approx 15 pages, e. g. term paper, documentation, preparing a contribution#) and presentation (approx 15 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Management (2022)			



Module title		Abbreviation
Industrial Management 5		12-M-NMA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
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Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Industrial Management 6		12-M-NMB-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 352 / 1020

Master's degree (1 major) Economathematics (2022)

## **Compulsory core electives 2: Subjects**

(60 ECTS credits)

# Strategic Marketing Management

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
International Marketing		12-M-IMM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module builds on the knowledge acquired during the Bachelor's degree programme or the <i>Grundstudium</i> (stage I studies). It provides a systematic introduction to strategic marketing decisions in global and international contexts. These are explained mainly by Porter's diamond and cluster models. Another focus is on internationalisation strategies, which require country analyses and decisions on the selection of national markets as well as a timing of the countries market development. In addition, the module discusses different strategies for market entry and market development.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Internationalisation of the economy and regional integration processes <ul style="list-style-type: none"> <li>• Globalisation</li> <li>• Competitiveness of countries, industries and companies in an international context</li> </ul> </li> <li>2. International strategic marketing decisions <ul style="list-style-type: none"> <li>• Market entry forms</li> <li>• Market development strategies</li> <li>• Timing strategies</li> <li>• International organisation structures</li> </ul> </li> <li>3. Theories and strategies of internationalisation <ul style="list-style-type: none"> <li>• Foreign trade theory</li> <li>• Multinational enterprise</li> <li>• Internationalisation strategies</li> </ul> </li> </ol> <p>Reading:</p> <p>Meffert, H. / Burmann C. / Becker, C.: Internationales Marketing-Management, Stuttgart etc. (most recent edition).</p> <p>Berndt, R. / Fantapié-Altobelli C. / Sander M.: Internationales Marketing-Management, Berlin etc. (most recent edition).</p>		
Intended learning outcomes		
Students acquire in-depth skills in the field of strategic and operational management with particular attention to the international context. Students achieve particular expertise in the analysis, assessment and implementation of international business decisions and gain skills thus guiding the execution of marketing and management positions in globally-active companies.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
Allocation of places		
--		



<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Econometrics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Strategic Marketing			12-M-SM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Description: The module raises awareness in students of the relevance and necessity of strategic management in a competitive and dynamical competitive process.			
Content: Based on the marketing strategies as well as the stakeholder and entrepreneurship approaches, this module discusses the roots of the concept of strategy in marketing based on Drucker, Porter, Ansoff and Mintzberg. The focus of the module is on thinking in competitive advantages, which is directly related to responsible leadership.			
Outline of syllabus: 1. Competitive dynamics requires strategy and leadership 2. Marketing strategies, stakeholder management and entrepreneurship 3. Objectives and tasks of corporate governance in management practice 4. Competitive forces, strategies and benefits according to Michael Porter 5. Growth strategies and marketing myths 6. Future technologies, new businesses and dynamic capabilities 7. Nature and principles of responsible management			
Reading: Barnard, CI (1938): The Functions of the Executive, Harvard University Press, Cambridge, Massachusetts. Eschenbach, R.; Eschenbach, S.; Kunesch, H. (2008): Strategische Konzepte: Management-Ansätze von Ansoff bis Ulrich, 5th ed., Schäffer-Poeschel Stuttgart. Freeman, RE (2010): Strategic Management: A Stakeholder Approach, Cambridge University Press. Grant, R. M.; Nippa, M. (2006): Strategisches Management: Analyse, Entwicklung und Implementierung von Unternehmensstrategien, 5th ed., Pearson Munich. Hinterhuber, H. H. (2011): Strategische Unternehmensführung -- I. Strategisches Denken, 8th ed., Erich Schmidt Verlag, Berlin. Hungenberg, H. (2012): Strategisches Management in Unternehmen: Ziele -- Prozesse -- Verfahren, 7th ed., Gabler, Wiesbaden. Johnson, G.; Scholes, K.; Whittington, R. (2009): Fundamentals of Strategy, 1st ed., Financial Times and Prentice Hall Harlow. Kotler, P.; Berger, R.; Bickhoff, N. (2010): The Quintessence of Strategic Management, Springer, Heidelberg. Laasch, O.; Conaway RN (2014): The Principles of Responsible Management: Global Sustainability, Responsibility, and Ethics, Cengage Stamford. Meffert, H.; Burmann, C.; Kirchgeorg, M. (2012): Marketing -- Grundlagen marktorientierter Unternehmensführung, 11th ed., Gabler, Wiesbaden. Meyer, M. (1995): Ökonomische Organisation der Industrie: Netzwerkarrangements zwischen Markt und Unternehmung, Gabler, Wiesbaden. Müller-Stewens, G.; Lechner, C. (2011): Strategisches Management -- Wie strategische Initiativen zum Wandel führen, 4th ed., Schäffer-Poeschel Stuttgart. Porter, M. (1999): Wettbewerb und Strategie, Econ Munich. (Original: Porter, M.: On Competition, Boston, 1998.) Porter, M. (2014): Wettbewerbsvorteile -- Spitzenleistungen erreichen und behaupten, 8th ed., Campus Frankfurt / New York. (Original: Porter, M.: Competitive Advantage, New York, 1985)			
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Porter, M. (2013): Wettbewerbsstrategie -- Methoden zur Analyse von Branchen und Konkurrenten, 12th ed., Campus, Frankfurt / New York. (Original: Porter, M.: Competitive Strategy, New York, 1980)  
Welge, M. K.; Al-Laham, A. (2012): Strategisches Management: Grundlagen -- Prozesse -- Implementierung, 6th ed., Springer Wiesbaden.

### Intended learning outcomes

The students have a deeper understanding of the sustainable corporate management and have the basics of the competitive process and competitive dynamics available. In addition, they can use the acquired knowledge, while taking into account the conventional problems of the strategic and sustainable management, to solve business case studies on their own.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)  
Language of assessment: German and/or English

### Allocation of places

--

### Additional information

--

### Workload

150 h

### Teaching cycle

--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title			Abbreviation
Strategic Networks in Industry			12-M-MS-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The primary object of this course is to gain a detailed understanding of strategic networks and of the phenomenon of clustering in the industrial industry. The example of the international automotive industry is used for clarification of the theoretical contents.</p> <p>The focus is on marketing in industrial companies and also on CSR - CSR is considered the "driver" of sustainable innovations - as well as the different strategy types of sustainable innovations.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"><li>1. Strategic networks and clusters in industrial industries such as the automotive industry</li><li>2. Transaction types of Williamson as well as strategic cooperation between automobile manufacturers and suppliers</li><li>3. Management of business types, in particular the business of suppliers in the automotive industry</li><li>4. Cluster and entrepreneurship activities</li><li>5. Sustainable innovation strategies</li></ol>			
Intended learning outcomes			
By the end of the course, students gain a profound understanding above the basics of network research. Furthermore students will acquire sectoral knowledge of the automotive industry as well as detailed cluster skills.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015)			
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Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)

Module title			Abbreviation
Brand Management & Market Research			12-M-MM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>At the beginning of the 21st century, marketing - until then interpreted as a market-oriented corporate management approach - was further developed to be seen as the entrepreneurial task of creating "shared value" for the organisation on the one hand and - broadly speaking - for society on the other hand. This idea leads to high requirements regarding the strategic sustainable positioning of the brand as well as brand management itself.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"><li>1. Brand leadership and brand assessment</li><li>2. Brand leadership, identity and relevance according to David Aaker's approach</li><li>3. Brand strategies</li><li>4. Consumer behaviour</li><li>5. Market research methods and the development of brand strategies</li><li>6. Market research methods</li></ol>			
Intended learning outcomes			
Based on the theories of Meffert and Aaker, students will gain a profound understanding for brand leadership, which will be deepened by many practical implications and examples. Provided by cases studies and market research tools, it's the defined goal of this lecture to convey an in-depth knowledge for consumer behavior and sustainable brand management.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 364 / 1020

Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)



Module title		Abbreviation
<b>Strategic Managerial Accounting</b>		12-M-INST-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on accounting instruments, which are applied in the context of strategic management of enterprises. First, it addresses important drivers of strategic decisions from a microeconomic perspective, such as the emergence of cost and quality advantages in competition as well as scale and experience curve effects. Second, the module covers analytical and heuristic techniques of planning and control. In the context of these techniques, instruments of target costing, life cycle cost analysis, benchmarking and business wargaming are discussed with regard to their theoretical foundation and fields of application.		
<b>Intended learning outcomes</b>		
Initially, knowledge about fundamental requirements concerning instruments of decision-making and behavior control within enterprises is acquired. What is more, the module conveys obtaining knowledge about the strengths and weaknesses and therewith fields of application and limits of prevalent instruments of strategic corporate management used by practitioners.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 366 / 1020

Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Business Software 1: IS-based Enterprise Management			12-GPU-182-m01
Module coordinator		Module offered by	
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Content:</p> <p>This module provides students with an overview of the structure of a business information system (SAP Business ByDesign) in depth.</p> <p>Outline of syllabus:</p> <p>1. Integrated information systems: integration, standard software, system architecture</p> <p>2. Working with standard business software</p> <p>3. Consulting in integrated information systems: project management, project organisation, presentation skills</p> <p>Description:</p> <p>The lecture will be accompanied by an exercise that will present students with an opportunity to access, in small groups, the enterprise resource planning system operated by the Chair in its ERP laboratory and to work with the software, dealing with a wide variety of business processes.</p> <p>If you would like to register for this course, please submit an application to the consultants (cover letter, CV, certificates; please also specify your degree programme and student ID number).</p>			
Intended learning outcomes			
<p>After completing the course "Business Software 1", students will be able to</p> <p>(i) understand an ERP system in its depth;</p> <p>(ii) understand the interaction of business processes;</p> <p>(iii) execute business tasks and processes in an ERP system independently (after participation in the practice lessons).</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: Once a year, winter semester</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
<p>20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.</p>			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

Module title		Abbreviation
E-Business Strategies		12-M-IBS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module provides an overview of strategic implications of digital technologies at the level of organisations, industries and value networks. To this end, concepts and frameworks from strategic technology management are applied to digital innovations and illustrated with numerous examples. In the accompanying exercise, case studies of well-known digital companies and their business models are analysed and discussed.		
Intended learning outcomes		
<ul style="list-style-type: none"> <li>- Understand theoretical concepts of strategy development and implementation in the context of digital technologies.</li> <li>- Apply different frames of reference and understand their strengths and weaknesses in the context of practical application.</li> <li>- Transfer the concepts to real business situations</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
40 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)		
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Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowd-sourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automatize and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
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 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
<b>Intended learning outcomes</b>		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
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 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
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 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

# Industrial Management

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Industrial Management 1		12-M-SBM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course addresses central issues of strategic supply management. The supply function of the company (purchasing, materials management, procurement logistics) and its strategic importance is analysed and basic methods are developed that are relevant in this area.		
Intended learning outcomes		
Students learn the principles of performance-oriented optimization of all procurement activities to develop long-term, competitively sensitive potential for success. After completion of the module students are able to prepare structured, to goal-oriented analyze and to respond to performance-oriented issues of strategic procurement based on key instruments. Students are able to accurately classify the tasks of the procurement and to describe and discuss their strategic importance and dominate essential methods and procedures used in this area to apply.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019)		
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Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 2		12-M-LA-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module analyses and classifies approaches of production planning and control. In addition, it develops methods and models of lot sizing and scheduling. The focus is on the determination of optimal production and transport volumes as well as the planning of orders and manufacturing orders.		
Intended learning outcomes		
Students learn essential concepts, principles and methods of production planning and control with emphasis on the determination of optimal production and transport volumes as well as the planning of production and order sequences. Then, based on this expertise related knowledge broadening and deepening, essential competencies are conveyed, which allow the imaging of realistic situations and problems using mathematical and quantitative models for the derivation and assessment of alternative courses of action. After completion of the module students can answer, analyze and structure questions of production planning and control, goal-oriented. They can also arrange the planning areas in the overall business context and have an in-depth overview of the production planning and control.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
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 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Industrial Management 3		12-M-SPM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module will discuss contents and procedures of strategic production management and, in particular, planning and control concepts.</p> <p>Students will become familiar with the essentials of strategic production management. Theoretical and analytical models will be used for analysing both economic and ecological issues. In addition, the module will discuss principles of value structure optimisation and will develop competences regarding the development of integrated mathematical models.</p>		
Intended learning outcomes		
<p>After completion of the module students are able to process, to analyze and answer questions of operations strategy structured and goal-oriented in a global context using appropriate methods. Furthermore, they know the main strategic tasks and objectives in production management and evaluate and apply planning and control concepts for the production in realistic application situations.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Course type: might also be offered as eLearning, seminary, workshop, etc.</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
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Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 4		12-M-BE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This course will develop the objectives, principles and structure of electronically supported procurement processes with a special focus on catalogue-based procurement systems, electronic tendering systems, electronic (reverse) auctions, e-marketplaces, supplier relationship management systems and eSupply chain management systems.		
Intended learning outcomes		
The students will be able to describe and evaluate both the potentials and goals of electronic supported procurement systems and will be able to design appropriate systems for real-life applications. Students will get insight into the essentials of operational procurement management, especially e-procurement with a focus on catalogue-based procurement systems, electronic tendering systems, electronic (reverse) auctions, e-marketplaces, supplier relationship management systems and eSupply chain management systems. After completing this module, students can define and analyze the related tasks and processes and show or develop theory-based and application-oriented possible solutions at a high professional level.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, 15 places will be set aside for students of the Master's degree programmes Management and International Economic Policy or Economics and 5 places will be set aside for students of the Master's degree programme Wirtschaftsinformatik (Business Information Systems).		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 388 / 1020

Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)



Module title			Abbreviation
Advanced Operations & Logistics Management			12-M-AOLM-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course "Advanced Operations & Logistics Management" acquaints students with advanced methods for the planning of integrated production and logistics systems and demonstrates the application of these with the help of multiple case studies			
Intended learning outcomes			
After completing this course students can (i) analyze and evaluate integrated production and logistics systems; (ii) develop and apply appropriate methods to plan complex production and logistics systems; (iii) evaluate the consequences of uncertainties in processes, and (iv) apply concepts and methods to plan uncertainties processes.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)			
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Logistics & Supply Chain Management		12-M-GLSC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Global Logistics & Supply Chain Management" acquaints students with advanced methods for the planning of global production networks and demonstrates the application of these with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate global production networks; (ii) develop and apply appropriate methods to plan production networks; (iii) evaluate the consequences of uncertainties in processes and apply concepts and methods to plan uncertain processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Seminar: Supply Chain Competition</b>		12-M-SCC-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In the seminar "Supply Chain Competition", students participate in an online multi-round simulation and apply methods of operations and supply chain management.		
Intended learning outcomes		
After completing this seminar students  i. selected and applied quantitative models for procurement, production, sales and supply chain management, ii. faced the practical problems when using real data to feed models, iii. and understand the challenges to reach a coordinated decision in a company.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 to 20 pages) and presentation (approx. 10 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
12 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Industrial Management 5		12-M-NMA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 398 / 1020

Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
Industrial Management 6		12-M-NMB-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
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Master's degree (1 major) Economathematics (2022)

# **Financial Accounting and Business Taxation**

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Advanced Financial Accounting (German GAAP, IFRS)		12-M-ER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Large and mostly multinational companies are key players in our globalized economy. A wide variety of interest groups, such as investors, need access to reliable information about the economic activities of these increasingly complex companies to make the right decisions. To contribute to a better functioning of capital markets in the European Union, publicly traded companies have to apply a single set of international accounting standards to prepare their consolidated financial statements. This module covers the necessary steps to prepare and interpret consolidated financial statements under IFRS (International Financial Reporting Standards). It provides students with a systematic approach and interpretation of group accounting according to international rules. In particular, the module covers the basic principles of group accounting and an in-depth knowledge of relevant standards. Students get to know different types of company mergers, acquisitions, and investments and the corresponding accounting methods. They will learn about the relevance of consolidated financial statements, how to identify groups and understand the consolidation process. In addition, various recent topics of group accounting are covered, e. g., positive and negative goodwill, non-controlling interests, intra-group transactions, and goodwill impairment.</p>		
<b>Intended learning outcomes</b>		
<p>Students understand the key concepts and elements of group accounting under IFRS (International Financial Reporting Standards). They also have an in-depth knowledge of the steps necessary to prepare and interpret consolidated financial statements following international accounting rules. In particular, students can recognize the need for consolidated financial statements, solve relevant consolidation problems, and critically evaluate consolidated financial statements.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 404 / 1020

Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
Group Accounting			12-M-GA-221-m01
Module coordinator		Module offered by	
--		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	--	--	
Contents			
--			
Intended learning outcomes			
--			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60-120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)			

Module title		Abbreviation
Economics of Tax Planning		12-M-SP-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course deals with tax effects on fundamental economic decisions. Taxes are integrated into standard models for investment decisions, financing decisions, firm valuation, dividend policy and remuneration of employees. Therefore, the interaction of corporate and personal income taxes is analysed.</p> <p>A reading list in English is available on request.</p>		
Intended learning outcomes		
<p>This course enables students to</p> <ul style="list-style-type: none"> <li>(i) combine their knowledge of tax law with microeconomic analyses in the areas of corporate and personal finance;</li> <li>(ii) analyze the effect of taxes on fundamental economic decisions, e.g. investment and financing decisions, evaluation of investment, financial assets, forms of remuneration for employees including managing and assessing;</li> <li>(iii) read and discuss research and policy papers in the field of taxation.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 407 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Advanced Auditing		12-M-WPF-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module covers advanced accounting topics under IFRS (International Financial Reporting Standards). It also discusses current developments in IFRS accounting and systematically classifies the related issues. The aim is to apply existing knowledge to advanced accounting problems and to develop possible solutions. The main topics adapt to current developments in the field of financial accounting.		
<b>Intended learning outcomes</b>		
Students gain a deep understanding of advanced accounting issues under IFRS (International Financial Reporting Standards). They also have the in-depth knowledge necessary to solve new and advanced accounting problems.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
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Module title		Abbreviation
Advanced Financial Accounting		12-M-AFA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title			Abbreviation
Financial Statement Analysis and Business Valuation			12-M-UA-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Fundamental investing involves valuation, and much of the information for valuation is contained in financial statements. This module provides a basic understanding of financial statement analysis, particularly on how to extract value-relevant information from financial statements, carry out financial statement analysis, and use financial data to value corporations. The module also provides the necessary tools to gain insights into what generates value in a corporation.			
Intended learning outcomes			
Students can understand publicly traded companies' financial statements (US GAAP/IFRS), identify value-relevant information in financial statements, and use this information for valuation. They know the relevant techniques to evaluate financial statements and understand the fundamental role of financial information in the valuation process. Students can apply valuation technics to real-world cases and recommend investment decisions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)			
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Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Tax Accounting		12-M-STB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module introduces the various methods of income recognition in the German Income Tax Code ( <i>Einkommensteuergesetz</i> , EStG). It discusses the main reporting and valuation provisions as well as the specific problems and techniques of income calculation for partnerships.		
<b>Intended learning outcomes</b>		
Students have in-depth knowledge of tax accounting of companies and are able to solve moderate to complex problems of tax accounting in particular of sole proprietorships and partnerships using legal source.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 415 / 1020

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Case Studies on Business Taxation		12-M-FER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module offers a cross-sectional view of business taxation by means of case studies which will be prepared by participants in advance and will be discussed in class. The focus will be on German income taxation, income calculation for tax purposes, taxation of partnerships as well as tax problems of foreign activities of German companies.		
<b>Intended learning outcomes</b>		
Students deepen their knowledge of the German tax law. They are enabled to solve complex tax problems on their own.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 417 / 1020

Module title		Abbreviation
Accounting and Capital Markets		12-M-REKA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on financial and management accounting, their functions, possible configurations as well as their impact on internal and external recipients under consideration of the institutional setting. In this context, an economic perspective has priority over detailed legal arrangements and regulations by the standard setters. Based on the theoretical foundations of information economics as well as decision-making and balance sheet theories, typical issues concerning cost and managerial accounting as well as financial accounting and publicity are discussed.		
<b>Intended learning outcomes</b>		
Initially, a fundamental knowledge about the conception and impact of management and financial accounting as information systems is acquired. In the following, the module mainly sharpens the understanding of the economic impacts of the configuration of management and financial accounting. What is more, extensive knowledge about possible impacts of changes in institutional general frameworks is covered. For example, changes in valuation standards, publicity rules or regulations about the distribution of profits in enterprises and on capital markets are considered.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
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Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
<b>Intended learning outcomes</b>		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 420 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
International Financial Management			12-M-IFM-211-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The module introduces students to the financial management of firms engaged in a globalized business environment. Topics include the foreign exchange market, the international monetary system as well as the determination of exchange rates and foreign currency risk. The module also covers international capital markets and familiarizes students with methods and data sources required for the analysis of international financial markets.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy, Master Management</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>			
Intended learning outcomes			
Students who complete the module will have a basic understanding of the theoretical and practical aspects of international financial management. Moreover, they should also be able to understand current developments in financial markets and interpret them using the theoretical foundations and practical examples covered in the module.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
International Taxation		12-M-IB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module discusses tax aspects (legal facts as well as economic effects) of cross-border business activities. Students become familiar with the principles of international taxation, relevant aspects of German income tax law, the function of double taxation treaties as well as recent developments of taxation within the European Union (mostly triggered by the Court of Justice of the European Union). The topics are introduced in the form of lectures. Complex case studies are used for an in-depth discussion of selected aspects.</p>		
Intended learning outcomes		
<p>After completion of the module students are able</p> <ul style="list-style-type: none"> <li>(i) to assess tax issues of cross-border business activities and develop structured solutions;</li> <li>(ii) to assess the economic effects of rules of international tax law on its own;</li> <li>(iii) systematically apply double tax treaties.</li> </ul> <p>The students have knowledge of the basics of international taxation and the German international tax law. They are able to judge and to analyze, using the relevant sources of law complex, case studies on the taxation of cross-border business activities independently and to develop design proposals for the solution.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages), presentation of term paper (approx. 20 minutes), weighted 3:2  Assessment offered: To be announced  Language of assessment: German and/or English  creditable for bonus</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Management (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 424 / 1020

Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Tax-Optimized Business Organization		12-M-RFW-222-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This course deals with tax aspects of the choice and change of legal form of business activities. Static and dynamic models are used to calculate the effective tax burden from ongoing business activities but also from a-periodic measures like divestments, mergers, or changes of the legal form. Our perspective is that of an investor resident in Germany investing in incorporated and unincorporated businesses in Germany and abroad.		
<b>Intended learning outcomes</b>		
This course enables students to (i) analyze and evaluate the tax effects of business activities in different legal forms from an investor's perspective; (ii) calculate the tax burden from ongoing business activities in Germany and abroad; (iii) calculate the tax burden from a-periodic events like divestments, purchases, mergers, and changes of legal form.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) or term paper (approx. 15 pages) and presentation of term paper (approx. 20 minutes), weighted 60:40 Assessment offered: To be announced Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

## **Corporate Finance**

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Discounted Cashflow		12-M-CF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>The module covers discounted cash flow (DCF) methods under certainty as well as uncertainty in the context of the valuation of unlevered and levered companies. Furthermore, tax aspects as well as their influence on the company value are considered.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. DCF Theory under certainty <ol style="list-style-type: none"> <li>1. NPV without taxes</li> <li>2. NPV with personal taxes</li> <li>3. NPV with corporate taxes</li> </ol> </li> <li>3. DCF Theory under uncertainty <ol style="list-style-type: none"> <li>1. DCF basics</li> <li>2. Valuation of unlevered companies</li> <li>3. Valuation of levered companies</li> </ol> </li> <li>4. Practice of DCF methods</li> </ol>		
<b>Intended learning outcomes</b>		
After completion of this module, the students will know a variety of discounted cashflow techniques and are able to apply properly them in order to evaluate projects or firms.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018
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Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
Intended learning outcomes		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Risk Management and Corporate Finance		12-M-CF3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module deals with the valuation and use of classical derivatives in financial markets. In particular, futures, swaps and options are considered as well as their possible applications in the context of financial risk management. In particular, students will be introduced to the theory involved in pricing options, as well as important valuation parameters. In addition, some established risk measures such as value-at-risk are discussed.</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Futures &amp; Forwards</li> <li>3. Swaps</li> <li>4. Options</li> <li>5. Measures of risk</li> </ol>		
Intended learning outcomes		
<p>Upon completion of this module students will be able to,</p> <p>(i) independently determine the fair value of the derivatives discussed, as well as</p> <p>(ii) to understand and evaluate common capital market hedging strategies.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Selected Topics in Corporate Finance		12-M-CF4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new chairs that are not yet included in the regular curriculum.</li> </ul> <p>The chair holder will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p> <p>Master's degree (1 major) Economathematics (2022)</p>		

Module title			Abbreviation
Risk measurement and risk valuation: Concepts and applications for banks			12-M-CF5-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course augments the usual consideration of symmetric risk metrics by introducing metrics for downside risks and the concept of risk as a capital requirement. The focus for applications in banks lies in the treatment of risks with regard of supervisory regulations.			
Intended learning outcomes			
After completing the course “Risk measurement and risk valuation: Concepts and applications for banks” the students are able			
1. to judge the appropriateness and problems of asymmetric risk measures,			
2. to address essential risks in banks and to understand their handling by supervisory regulations as well as			
3. to realize the concept of risk as a capital requirement being the systematic base for these aspects in the banking sector.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018)			
Master's degree (1 major) International Economic Policy (2018)			
Master's degree (1 major) China Business and Economics (2019)			
Master's degree (1 major) China Language and Economy (2019)			
Master's degree (1 major) Information Systems (2019)			
Master's degree (1 major) China Business and Economics (2021)			
Master's degree (1 major) China Language and Economy (2021)			
Master's degree (1 major) Economathematics (2021)			
Master's degree (1 major) Information Systems (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 437 / 1020



Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title		Abbreviation
Analysis of Financial Market Data		12-M-FMO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module covers the fundamentals, methods and concepts for the empirical analysis of financial market data. The concept of market efficiency is explained and critically examined with reference to the random walk hypothesis. To test this hypothesis, a number of parametric and non-parametric methods are proposed and applied in practice. Based on the findings, market microstructure models that can explain some important empirical findings will be discussed. In addition, the course describes event studies for testing the significant impact of corporate news on the share price and discusses issues of univariate time series analysis such as AR(I)MA and ARCH / GARCH models that are indispensable for modelling financial market data. In the final part of the course, CAPM is discussed and examined, in particular with regard to its empirical applicability.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Information efficiency</li> <li>2. Random walk</li> <li>3. Theoretical market models</li> <li>4. Event studies</li> <li>5. Univariate modelling of time series data</li> <li>6. Models to explain volatility (ARCH and GARCH)</li> <li>7. Estimation of the capital asset pricing model</li> </ol> <p>Reading:</p> <p>Alexander, C.: A Guide to Financial Data Analysis, Wiley.</p> <p>Campbell, JY, Lo, AW, MacKinley, AC: The Econometrics of Financial Markets, Princeton University Press.</p> <p>Geyer, A.: Information, Erwartung und Risiko. Aspekte der Verteilung, Abhängigkeit und Varianz von finanzwirtschaftlichen Zeitreihen, Verlag V. Florentz.</p> <p>Hamilton, JD: Time Series Analysis, Princeton University Press.</p> <p>Mills, T.: Econometric Modelling of Financial Time Series, Cambridge University Press.</p> <p>Taylor, S.: Modelling Financial Time Series, Wiley.</p>		
Intended learning outcomes		
Students have significant knowledge of the fundamentals, methods and concepts that are needed for the empirical analysis of financial market data. They can autonomously perform statistical test decisions with statistic programs such as R and critically analyze their economic importance. In addition, the students learn the independent handling of empirical capital market data and at the end of the course, they will have the ability to develop own functions and routines, for example for R.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		

<b>Allocation of places</b>
--
<b>Additional information</b>
Research track module in Master's programme IEP
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Accounting and Capital Markets		12-M-REKA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on financial and management accounting, their functions, possible configurations as well as their impact on internal and external recipients under consideration of the institutional setting. In this context, an economic perspective has priority over detailed legal arrangements and regulations by the standard setters. Based on the theoretical foundations of information economics as well as decision-making and balance sheet theories, typical issues concerning cost and managerial accounting as well as financial accounting and publicity are discussed.		
<b>Intended learning outcomes</b>		
Initially, a fundamental knowledge about the conception and impact of management and financial accounting as information systems is acquired. In the following, the module mainly sharpens the understanding of the economic impacts of the configuration of management and financial accounting. What is more, extensive knowledge about possible impacts of changes in institutional general frameworks is covered. For example, changes in valuation standards, publicity rules or regulations about the distribution of profits in enterprises and on capital markets are considered.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 441 / 1020

Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Financial Statement Analysis and Business Valuation			12-M-UA-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Fundamental investing involves valuation, and much of the information for valuation is contained in financial statements. This module provides a basic understanding of financial statement analysis, particularly on how to extract value-relevant information from financial statements, carry out financial statement analysis, and use financial data to value corporations. The module also provides the necessary tools to gain insights into what generates value in a corporation.			
Intended learning outcomes			
Students can understand publicly traded companies' financial statements (US GAAP/IFRS), identify value-relevant information in financial statements, and use this information for valuation. They know the relevant techniques to evaluate financial statements and understand the fundamental role of financial information in the valuation process. Students can apply valuation technics to real-world cases and recommend investment decisions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 443 / 1020

Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

# Information Systems

(20 ECTS credits)



## Core

(10 ECTS credits)

Module title		Abbreviation
Information Processing within Organizations		12-IV-161-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of the structure and the application areas of business management information systems in enterprises and public institutions.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. What is software: concepts, categories, application</li> <li>2. Software life cycle: duration, phases, steps</li> <li>3. As-is analysis: tasks, problems</li> <li>4. To-be concept: system design, data design, dialog design, function design</li> <li>5. Object orientation: paradigm shift</li> <li>6. Change management: meaning, methodologies, project management</li> <li>7. Office automation: tasks, areas of application</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Integrated Information Processing", students will be able to</p> <p>(i) understand the importance of integration in enterprises, especially in information systems;</p> <p>(ii) assess the progress of development of a software project, estimate cycle costs, know and consider requirements, which brings a software implementation with;</p> <p>(iii) select the correct procedures or practices in an as-is analysis and target conception and practically apply (with participation in the exercise);</p> <p>(iv) understand the importance of change management and project management and know the appropriate methods for specific applications.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 447 / 1020

### Module appears in

Master's degree (1 major) Economathematics (2016)  
 Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
IT-Management		12-M-ITM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of aims, tasks and appropriate methods of IT management.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Organisation and distinction</li> <li>2. IT strategy</li> <li>3. IT organisation</li> <li>4. Management of IT systems</li> <li>5. Enterprise Architecture Management</li> <li>6. IT project management</li> <li>7. IT security</li> <li>8. IT law</li> <li>9. IT controlling</li> </ol> <p>Reading:</p> <ul style="list-style-type: none"> <li>• Hofmann/Schmidt: Masterkurs IT-Management, Wiesbaden.</li> <li>• Tiemeyer: Handbuch IT-Management, Munich.</li> <li>• Hanschke: Strategisches Management der IT-Landschaft, Munich.</li> </ul>		
Intended learning outcomes		
<p>After completing the course "IT Management", students will be able to</p> <ol style="list-style-type: none"> <li>1. overview the different aspects to be considered regarding a purposeful IT management;</li> <li>2. understand and apply appropriate methods and tools;</li> <li>3. independently perform system search and selection in a team project (only after participation in the practice lessons).</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		

<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
<b>Business Software 1: IS-based Enterprise Management</b>		12-GPU-182-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content: This module provides students with an overview of the structure of a business information system (SAP Business ByDesign) in depth.</p> <p>Outline of syllabus: 1. Integrated information systems: integration, standard software, system architecture 2. Working with standard business software 3. Consulting in integrated information systems: project management, project organisation, presentation skills</p> <p>Description: The lecture will be accompanied by an exercise that will present students with an opportunity to access, in small groups, the enterprise resource planning system operated by the Chair in its ERP laboratory and to work with the software, dealing with a wide variety of business processes. If you would like to register for this course, please submit an application to the consultants (cover letter, CV, certificates; please also specify your degree programme and student ID number).</p>		
Intended learning outcomes		
<p>After completing the course "Business Software 1", students will be able to (i) understand an ERP system in its depth; (ii) understand the interaction of business processes; (iii) execute business tasks and processes in an ERP system independently (after participation in the practice lessons).</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages) Assessment offered: Once a year, winter semester Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
<p>20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.</p>		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)



Module title			Abbreviation
E-Business Strategies			12-M-IBS-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The module provides an overview of strategic implications of digital technologies at the level of organisations, industries and value networks. To this end, concepts and frameworks from strategic technology management are applied to digital innovations and illustrated with numerous examples. In the accompanying exercise, case studies of well-known digital companies and their business models are analysed and discussed.			
Intended learning outcomes			
<ul style="list-style-type: none"><li>- Understand theoretical concepts of strategy development and implementation in the context of digital technologies.</li><li>- Apply different frames of reference and understand their strengths and weaknesses in the context of practical application.</li><li>- Transfer the concepts to real business situations</li></ul>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
40 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 454 / 1020

Module title		Abbreviation
Analytical Information Systems		12-BI-161-m01
Module coordinator		Module offered by
holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course provides an overview of the structure and applications of analytical information systems. A special focus is on individual quantitative methods of data analysis. A basic knowledge of statistics and data modelling is a prerequisite for participation in this module.		
<b>Intended learning outcomes</b>		
The module provides students with knowledge of: (i) Data Warehousing & OLAP (ii) Operational application areas and methods of data analysis		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 455 / 1020

exchange program Business Management and Economics (2022)

Module title			Abbreviation
Topics in Information Systems 1			12-M-TIF1-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 457 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
Topics in Information Systems 2		12-M-TIF2-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 459 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Decision Support Systems		12-M-DSS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course discusses advanced approaches for modelling and solving decision problems in business settings. The acquired insights are used to design and implement decision support systems using standard software tools (Python).		
Intended learning outcomes		
<p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the structure of classic business decision problems</li> <li>• Isolate key elements from general problem descriptions and convert them to quantitative decision models</li> <li>• Solve different classes of optimization problems (linear, network, integer, multi-objective, non-linear, stochastic)</li> <li>• Implement decision support systems</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

# Human Resource Management and Organization

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>exchange program Business Management and Economics (2022)</p>

Module title			Abbreviation
Human Resource Management and Industrial Relations			12-M-HRM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture "Human Resource Management and Industrial Relations" introduces advanced theories, estimation techniques and empirical results from the areas of human resources management and institutional frameworks such as the different actors in industrial relations.			
Syllabus			
Introduction: Human Resource Management & Industrial Relationships			
Chapter 1: The employment contract [formal model]			
Chapter 2: Motivation [formal model]			
Chapter 3: Employee resistance against reorganisations [empirical study]			
Chapter 4: The role of works councils [formal model]			
Chapter 5: Works councils and the employer wage structure [empirical study]			
Chapter 6: The behaviour of labour unions [formal model]			
Chapter7: Learning process of employers [formal model and empirical study]			
Chapter8: Demographic challenges of HRM [formal model and empirical study]			
Intended learning outcomes			
The aim of the lectures is to enable students to understand and apply advanced theories, estimation techniques and empirical results in the area human resource management and industrial relations on the basis of scientific literature.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
Allocation of places			
20 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.			
Additional information			
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)



Module title		Abbreviation
Empirical HR Research with Stata		12-M-EPF-161-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The seminar "Empirische Personalforschung" ("Empirical Personnel Economics") introduces and discusses the most important estimation problems and their application in the software package STATA. In addition, students learn, with the help of basic problems of personnel economics, how estimation programs are programmed in STATA.</p> <p>Reading list to be provided in class.</p>		
Intended learning outcomes		
The aim of the seminar is to enable students to understand and apply the most important estimation programmes and their application in STATA with a focus on problems in personnel economics.		
Courses (type, number of weekly contact hours, language — if other than German)		
Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 10 pages)</p> <p>Assessment offered: Once a year as announced</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
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Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Labour Economics		12-M-OEA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course provides an overview of the field of modern labor economics. The course will cover the following topics:</p> <ol style="list-style-type: none"> <li>1. Labor supply</li> <li>2. Labor demand</li> <li>3. Human capital formation</li> <li>4. Compensating wage differentials</li> <li>5. Discrimination</li> </ol> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics. Students are expected to read the scientific articles in advance and will be asked to discuss them in small groups during class. In addition, a discussion of the articles will help illustrating how established scholars approach the core questions in modern labor economics and giving students an understanding of high quality empirical research.</p> <p>The main reference for the lecture is Cahuc and Zylberberg. (2004): "Labor Economics", 1st edition, Massachusetts Institute of Technology. In addition, we will discuss well-published economic articles related to the single topics discussed in class.</p>		
Intended learning outcomes		
<p>The aim of this course is to acquaint students with classical as well as modern topics in labor economics and to encourage the development of research interest in this field. As such, the course's objective is to familiarize students with both the core theoretical models of labor economics as well as the main econometric methods used to provide empirical evidence.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Contract Theory		12-M-CT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>During the 1960/70s, microeconomic theory came to acknowledge that many (if not most) economic transactions are characterized by asymmetric distribution of information – i.e., at least one of the parties participating in a transaction usually is privy to information that the remaining parties do not have access to. This asymmetric distribution of information subsequently was recognized to be a major impediment for transactions to be economically efficient. Contract theory addresses the question how the inefficiencies arising from asymmetric distribution of information can best be mitigated by appropriate design of the contractual (or, more generally, institutional) framework that governs the transaction under consideration. This lecture covers the baseline models of “moral hazard” (i.e., situations where one party has private knowledge after a contract has been signed) and “adverse selection” (i.e., situations where one party has private knowledge before a contract is signed). As applications we will address questions discussed in organizational, personnel or industrial economics, such as incentive design within organizations or the design of labor law regulations and competition laws.</p> <p>Even though we will work with precise mathematical formalizations of the ideas that we want to think and talk about, this course requires little more than a solid understanding of basic differential calculus. More important than having a solid mathematical background is having a strong interest in formal economic analysis and fun with logical thinking and puzzle solving.</p> <p>The exposition is primarily based on the following textbook:</p> <ul style="list-style-type: none"> <li>• Laffont and Martimort (2002): "The Theory of Incentives"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of contract theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• interpret the properties of real-life contracts as the outcome of the interaction between two or more contracting parties in the presence of asymmetric information,</li> <li>• evaluate government interventions with regard to their effect on the efficiency properties of the interaction between the contracting parties.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Employment Law			12-M-AFW-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
2 semester	graduate	--	
Contents			
Contents: employment and labour law and works constitution law incl. collective agreement law			
Employment and Labour law			
Legal sources of employment and labour law			
Definitions, employment and labour law, employees			
The employment contract			
<ul style="list-style-type: none"><li>• Job application, permissible and impermissible questions in job interviews, consequences of lying, contesting the employment contract</li><li>• General Equal Treatment Act, claims for damages by applicants</li><li>• Conclusion of an employment contract, form, evidence under the Law of Proof of Substantial Conditions Applicable to the Employment Relationship</li><li>• Contents of the employment contract, company practice, overall commitment, reservation of the right of voluntariness and revocation</li><li>• General terms and conditions of business and control of terms and conditions of employment, invalid clauses and their consequences</li><li>• Limitation of the term of the employment contract, fixed term employment contracts</li></ul>			
Rights and duties arising from the employment relationship			
<ul style="list-style-type: none"><li>• Primary and secondary duties</li><li>• Employer's right to issue instructions, permissible and impermissible instructions</li><li>• Sickness, obligations to report and provide evidence under the Continued Remuneration Act</li><li>• Secondary employment, prohibition of competition, duty of confidentiality, occupational health and safety</li><li>• Granting of holiday leave</li><li>• Continued payment of wages in the event of illness, restrictions</li></ul>			
Severe disability, special rights and protection against dismissal			
Working hours and the Working Hours Act			
The warning, formal and material requirements, consequences			
Termination of employment			
<ul style="list-style-type: none"><li>• Termination agreement</li><li>• Termination of employment</li><li>• Formal requirements</li><li>• Ordinary and extraordinary termination by the employer</li><li>• Behavioral termination</li><li>• Person-related (illness-related) dismissal</li></ul>			
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- Dismissal for operational reasons
- Special protection against dismissal

### **Works constitution law incl. collective bargaining law**

Legal sources of works constitution law

Definitions, company, works council, employee

The works council and its role

- Works council elections
- Start, end, duration of term of office
- Legal status of members, honorary office, leave of absence, special protection against dismissal
- Entitlement for training, works council costs
- Works meetings
- General works council, group works council, youth/apprentice representation

Material co-determination of the works council, participation

- Information rights (access to gross pay roll, expert advice)
- Consultation rights (consultation before each dismissal, right to object)
- Consultation rights (involvement of the economic committee, changes in operations)

Co-determination in the narrower sense

- Rights of consent and objection (staff questionnaire, selection guidelines, recruitment, transfers)
- Refusal of consent, legal proceedings Substitution of consent

Co-determination rights

- Enforceable co-determination, conciliation board, composition, procedure, decision
- Mandatory co-determination rights of works council, e.g. regarding
- Conduct of the workplace (smoking and alcohol bans, formalized sick leave talks, occupational integration management)
- Working hours, breaks, shift and flexi-time models, overtime, short-time work
- Holidays, company holidays
- Technical equipment for monitoring (time recording, access systems, video surveillance, telephone and internet use, skills database)
- Occupational health and safety
- Social facilities (canteen, company kindergarten)
- Company wage structure, remuneration (piece rates, bonuses)
- Company changes, reconciliation of interests and social plan

### **Collective bargaining law**

Definition, contractual and normative part, legal effect

Application of collective agreements, parties of collective agreements

Dynamic and static clauses referring to a collective agreement

Collective agreement and company agreements, blocking effect of collective agreement

Collective arbitration board in cases of compulsory works council co-determination

### **Intended learning outcomes**

**At the end of this course, students will have the following competences:**

Students gain solid basic knowledge of employment and labour law, the works council and its tasks and an overview of collective agreement law. At the same time, methodically and substantively sound legal knowledge is conveyed and practical relevance is established with case studies and current case law.

By working on an exam in the form of a legal opinion, the students are taught to solve a demanding legal issue with legal problems in a given time. Within a narrow thematic field and a time-limited framework, they are able to work on a legal issue in a well-founded and largely independent manner.

Within the framework of the term paper on a judgement of the Federal Labour Court, the students deal with a concrete case and the case law of the highest German labour court. They are familiarised with the methods of legal work and are enabled to work independently in a problem-solving manner. In addition to understanding the facts of the case and the legal problems, they will focus primarily on the consequences of the judgement for their practice. Here, the legal knowledge imparted will be implemented with a practical approach and the opportunity to creatively develop their own recommendations on how to deal with the judgement. In addition, the students present the case and their own conclusions for practice. In the group discussion, the other students have the opportunity to gather further knowledge and actively participate in the exchange of opinions on current judgements and case law.

The knowledge imparted is relevant for a wide range of professional fields of activity and is especially valuable for students who will work in the field of human resources or are interested in the field of employee management.

**Courses** (type, number of weekly contact hours, language — if other than German)

S (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

[a] written examination (approx. 120 minutes) and b) talk (approx. 30 minutes), weighted 3:2] or [a] written examination (approx. 120 minutes) and b) presentation (approx. 15 minutes) and c) written elaboration of presentation (approx. 10 pages), weighted 3:1:1]

**Allocation of places**

30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.

**Additional information**

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**Workload**

150 h

**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

# Strategic Entrepreneurship

(20 ECTS credits)

## Core

(10 ECTS credits)



Module title		Abbreviation
Corporate Entrepreneurship		12-M-UGF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a theory-led and practice-oriented primer on corporate entrepreneurship. It provides you with knowledge useful for anyone aiming at working (or researching) in the field of corporate innovation and entrepreneurship or at pursuing an 'intrapreneurial' or entrepreneurial career.</p> <ol style="list-style-type: none"> <li>(1) Introduction to corporate entrepreneurship</li> <li>(2) Antecedents and forms of corporate entrepreneurship</li> <li>(3) Corporate strategy and corporate entrepreneurship</li> <li>(4) Organizational structure and corporate entrepreneurship</li> <li>(5) Human resource management and corporate entrepreneurship</li> <li>(6) Building supportive organizational cultures</li> <li>(7) Entrepreneurial control systems</li> <li>(8) Entrepreneurial leadership</li> <li>(9) The corporate entrepreneur as a champion and diplomat</li> <li>(10) The pay-off from corporate entrepreneurship</li> <li>(11) Corporate venture capital</li> <li>(12) Corporate entrepreneurship in nonprofit and government organizations</li> <li>(13) Universities and academic spin-offs</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate entrepreneurship</li> <li>• Explain theoretical concepts and mechanisms behind corporate entrepreneurship</li> <li>• Enable students to critically appraise alternative approaches to corporate entrepreneurship</li> <li>• Enable students to evaluate the boundaries and risks of corporate entrepreneurship</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Create and evaluate concepts related to corporate entrepreneurship</li> <li>• Assess the role of corporate entrepreneurship for creating and sustaining competitive advantage</li> <li>• Make judgements about the organizational and managerial implications of corporate entrepreneurship</li> <li>• Systematically choose between different routes of action</li> </ul>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
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<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Digital Entrepreneurship		12-M-UGF3-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module provides an introduction into digital entrepreneurship and digital transformation. (1) Introduction (2) Digital business models (3) Identifying and exploiting opportunities for digital entrepreneurship (4) Strategies for creating competitive advantage in digital entrepreneurship (5) Digital marketing for entrepreneurs (6) Crowdfunding for entrepreneurs (7) Design thinking (8) Lean startup (9) Platform ecosystems and online communities (10) Digital strategy and digital transformation (11) The agile organization (12) Crowdsourcing (13) Cyberfraud (14) Wrap-up and Q&amp;A</p>		
Intended learning outcomes		
<p>Educational aims: Clarify the role of digital entrepreneurship and digital transformation. Explain theoretical concepts and mechanisms behind digital entrepreneurship and digital transformation. Enable students to critically appraise alternative approaches to digital entrepreneurship and digital transformation. Enable students to evaluate the boundaries and risks of digital entrepreneurship and digital transformation</p> <p>Learning outcomes: On successful completion of this module students will be able to (1) Assess the role of digital entrepreneurship and digital transformation for creating and sustaining competitive advantage, (2) Create and evaluate concepts related to digital entrepreneurship and digital transformation, (3) Make judgements about the organizational and managerial implications of digital entrepreneurship and digital transformation, (4) Systematically choose between different routes of action.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2) Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) log (15 to 20 pages) or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: English</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Human-Computer-Interaction (2018) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 491 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Human-Computer-Interaction (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Module Strategic Entrepreneurship		12-M-PUGF-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This seminar is a primer on academic research. It has been designed to effectively prepare students for conducting empirical research as part of their master thesis projects. The module starts with a crash course on research methods and advanced academic writing. Participants will then choose or otherwise be assigned a research question. Beyond this background, they select an appropriate research design to address the question at hand. This also includes collecting and analyzing primary and/or secondary data, with various datasets being available via our Chair and the University Library. In a final step, participants document their research in the form of a smaller-scale academic article and present the approach and essential insights of their research, thereby providing an excellent opportunity for mutual learning.</p>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Help students understand the role of positioning studies and theoretical modelling</li> <li>• Help students understand the role of different research strategies</li> <li>• Enable students to critically appraise alternative approaches to collecting and analyzing data</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Formulate an adequate research question</li> <li>• Build tentative theoretical models</li> <li>• Choose an appropriate research design to test the model</li> <li>• Document the research in the form of an academic manuscript</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 15 pages) and presentation (one candidate: approx 10 to 15 minutes@ groups of 2: approx 20 minutes; groups of 3: approx. 30 minutes), weighted 2:1</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
300 h		



<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title			Abbreviation
E-Business Strategies			12-M-IBS-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The module provides an overview of strategic implications of digital technologies at the level of organisations, industries and value networks. To this end, concepts and frameworks from strategic technology management are applied to digital innovations and illustrated with numerous examples. In the accompanying exercise, case studies of well-known digital companies and their business models are analysed and discussed.			
Intended learning outcomes			
<ul style="list-style-type: none"><li>- Understand theoretical concepts of strategy development and implementation in the context of digital technologies.</li><li>- Apply different frames of reference and understand their strengths and weaknesses in the context of practical application.</li><li>- Transfer the concepts to real business situations</li></ul>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
40 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 495 / 1020

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
<b>Intended learning outcomes</b>		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 496 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowd-sourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automatize and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
<b>Intended learning outcomes</b>		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 500 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
<b>Intended learning outcomes</b>		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 502 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 504 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

# Managerial Accounting

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title			Abbreviation
Coordination, Budgeting and Incentives in Organizations			12-M-KOBO-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.			
Intended learning outcomes			
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)			
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>Strategic Managerial Accounting</b>		12-M-INST-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on accounting instruments, which are applied in the context of strategic management of enterprises. First, it addresses important drivers of strategic decisions from a microeconomic perspective, such as the emergence of cost and quality advantages in competition as well as scale and experience curve effects. Second, the module covers analytical and heuristic techniques of planning and control. In the context of these techniques, instruments of target costing, life cycle cost analysis, benchmarking and business wargaming are discussed with regard to their theoretical foundation and fields of application.		
<b>Intended learning outcomes</b>		
Initially, knowledge about fundamental requirements concerning instruments of decision-making and behavior control within enterprises is acquired. What is more, the module conveys obtaining knowledge about the strengths and weaknesses and therewith fields of application and limits of prevalent instruments of strategic corporate management used by practitioners.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
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Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Accounting and Capital Markets		12-M-REKA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on financial and management accounting, their functions, possible configurations as well as their impact on internal and external recipients under consideration of the institutional setting. In this context, an economic perspective has priority over detailed legal arrangements and regulations by the standard setters. Based on the theoretical foundations of information economics as well as decision-making and balance sheet theories, typical issues concerning cost and managerial accounting as well as financial accounting and publicity are discussed.		
Intended learning outcomes		
Initially, a fundamental knowledge about the conception and impact of management and financial accounting as information systems is acquired. In the following, the module mainly sharpens the understanding of the economic impacts of the configuration of management and financial accounting. What is more, extensive knowledge about possible impacts of changes in institutional general frameworks is covered. For example, changes in valuation standards, publicity rules or regulations about the distribution of profits in enterprises and on capital markets are considered.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
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Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Decision Support Systems		12-M-DSS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course discusses advanced approaches for modelling and solving decision problems in business settings. The acquired insights are used to design and implement decision support systems using standard software tools (Python).		
Intended learning outcomes		
<p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the structure of classic business decision problems</li> <li>• Isolate key elements from general problem descriptions and convert them to quantitative decision models</li> <li>• Solve different classes of optimization problems (linear, network, integer, multi-objective, non-linear, stochastic)</li> <li>• Implement decision support systems</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Group Accounting			12-M-GA-221-m01
Module coordinator		Module offered by	
--		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	--	--	
Contents			
--			
Intended learning outcomes			
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Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60-120 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)			

Module title		Abbreviation
Advanced Financial Accounting (German GAAP, IFRS)		12-M-ER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Large and mostly multinational companies are key players in our globalized economy. A wide variety of interest groups, such as investors, need access to reliable information about the economic activities of these increasingly complex companies to make the right decisions. To contribute to a better functioning of capital markets in the European Union, publicly traded companies have to apply a single set of international accounting standards to prepare their consolidated financial statements. This module covers the necessary steps to prepare and interpret consolidated financial statements under IFRS (International Financial Reporting Standards). It provides students with a systematic approach and interpretation of group accounting according to international rules. In particular, the module covers the basic principles of group accounting and an in-depth knowledge of relevant standards. Students get to know different types of company mergers, acquisitions, and investments and the corresponding accounting methods. They will learn about the relevance of consolidated financial statements, how to identify groups and understand the consolidation process. In addition, various recent topics of group accounting are covered, e. g., positive and negative goodwill, non-controlling interests, intra-group transactions, and goodwill impairment.</p>		
<b>Intended learning outcomes</b>		
<p>Students understand the key concepts and elements of group accounting under IFRS (International Financial Reporting Standards). They also have an in-depth knowledge of the steps necessary to prepare and interpret consolidated financial statements following international accounting rules. In particular, students can recognize the need for consolidated financial statements, solve relevant consolidation problems, and critically evaluate consolidated financial statements.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 522 / 1020

Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Change Management		12-M-CHA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Within the module, theoretical basics of change management are covered. In addition, we present and jointly analyze existing change projects in detail. We try to answer related questions, too. For example, the module discusses how to involve stakeholders in change, what motivates them to embrace change, and whether participation is a universal principle. The module covers projects like merging two departments, restarting a department with team building, conducting an employee survey, or developing a new mission statement. The majority of the projects are taken from the social sector, but can be transferred to industry and SMEs.		
Intended learning outcomes		
After participating the lecture, students will be able to understand the occurrence of resistance and massive emotional reactions in change processes. Change processes can be critically analyzed and the use of typical instruments in change processes can be questioned. Students are able to identify the typical pitfalls and hurdles in these processes and are able to use their knowledge for own future projects as well as to create their own solutions in change processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 524 / 1020

Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)



# **Logistics and Supply Chain Management**

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Advanced Operations & Logistics Management		12-M-AOLM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Advanced Operations & Logistics Management" acquaints students with advanced methods for the planning of integrated production and logistics systems and demonstrates the application of these with the help of multiple case studies		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate integrated production and logistics systems; (ii) develop and apply appropriate methods to plan complex production and logistics systems; (iii) evaluate the consequences of uncertainties in processes, and (iv) apply concepts and methods to plan uncertainties processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Logistics & Supply Chain Management		12-M-GLSC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Global Logistics & Supply Chain Management" acquaints students with advanced methods for the planning of global production networks and demonstrates the application of these with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate global production networks; (ii) develop and apply appropriate methods to plan production networks; (iii) evaluate the consequences of uncertainties in processes and apply concepts and methods to plan uncertain processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Strategic Management of Global Supply Chains		12-M-SMGS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In the course "Strategic Management of Global Supply Chains", students will become familiar with the basic principles of building an efficient global supply chain and will apply what they have learned working on multiple case studies.</p>		
Intended learning outcomes		
<p>After completing this course students</p> <p>(i) can apply the basic methods and concepts of supply chain management to practical settings and evaluate the results, and</p> <p>(ii) understand the effects of global value chains onto strategic company decisions.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p>		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: Supply Chain Competition		12-M-SCC-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In the seminar "Supply Chain Competition", students participate in an online multi-round simulation and apply methods of operations and supply chain management.		
Intended learning outcomes		
After completing this seminar students		
i. selected and applied quantitative models for procurement, production, sales and supply chain management, ii. faced the practical problems when using real data to feed models, iii. and understand the challenges to reach a coordinated decision in a company.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 to 20 pages) and presentation (approx. 10 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
12 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 2		12-M-LA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module analyses and classifies approaches of production planning and control. In addition, it develops methods and models of lot sizing and scheduling. The focus is on the determination of optimal production and transport volumes as well as the planning of orders and manufacturing orders.		
Intended learning outcomes		
Students learn essential concepts, principles and methods of production planning and control with emphasis on the determination of optimal production and transport volumes as well as the planning of production and order sequences. Then, based on this expertise related knowledge broadening and deepening, essential competencies are conveyed, which allow the imaging of realistic situations and problems using mathematical and quantitative models for the derivation and assessment of alternative courses of action. After completion of the module students can answer, analyze and structure questions of production planning and control, goal-oriented. They can also arrange the planning areas in the overall business context and have an in-depth overview of the production planning and control.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
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Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 3		12-M-SPM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module will discuss contents and procedures of strategic production management and, in particular, planning and control concepts.</p> <p>Students will become familiar with the essentials of strategic production management. Theoretical and analytical models will be used for analysing both economic and ecological issues. In addition, the module will discuss principles of value structure optimisation and will develop competences regarding the development of integrated mathematical models.</p>		
Intended learning outcomes		
<p>After completion of the module students are able to process, to analyze and answer questions of operations strategy structured and goal-oriented in a global context using appropriate methods. Furthermore, they know the main strategic tasks and objectives in production management and evaluate and apply planning and control concepts for the production in realistic application situations.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Course type: might also be offered as eLearning, seminary, workshop, etc.</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
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 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Decision Support Systems		12-M-DSS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course discusses advanced approaches for modelling and solving decision problems in business settings. The acquired insights are used to design and implement decision support systems using standard software tools (Python).		
Intended learning outcomes		
<p>After successfully completing the course, students should be able to</p> <ul style="list-style-type: none"> <li>• Understand the structure of classic business decision problems</li> <li>• Isolate key elements from general problem descriptions and convert them to quantitative decision models</li> <li>• Solve different classes of optimization problems (linear, network, integer, multi-objective, non-linear, stochastic)</li> <li>• Implement decision support systems</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
40 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

# Risk Management

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Risk Management and Corporate Finance		12-M-CF3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module deals with the valuation and use of classical derivatives in financial markets. In particular, futures, swaps and options are considered as well as their possible applications in the context of financial risk management. In particular, students will be introduced to the theory involved in pricing options, as well as important valuation parameters. In addition, some established risk measures such as value-at-risk are discussed.</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Futures &amp; Forwards</li> <li>3. Swaps</li> <li>4. Options</li> <li>5. Measures of risk</li> </ol>		
Intended learning outcomes		
<p>Upon completion of this module students will be able to,</p> <p>(i) independently determine the fair value of the derivatives discussed, as well as</p> <p>(ii) to understand and evaluate common capital market hedging strategies.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Risk measurement and risk valuation: Concepts and applications for banks		12-M-CF5-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course augments the usual consideration of symmetric risk metrics by introducing metrics for downside risks and the concept of risk as a capital requirement. The focus for applications in banks lies in the treatment of risks with regard of supervisory regulations.		
<b>Intended learning outcomes</b>		
After completing the course "Risk measurement and risk valuation: Concepts and applications for banks" the students are able 1. to judge the appropriateness and problems of asymmetric risk measures, 2. to address essential risks in banks and to understand their handling by supervisory regulations as well as 3. to realize the concept of risk as a capital requirement being the systematic base for these aspects in the banking sector.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

## Core Electives

(10 ECTS credits)

Module title			Abbreviation
Stochastic Models for Risk Assessment			12-RM-RW-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Etymological background of the risk concept Definitions of risk Basic concepts and terminology of stochastic risk modelling: risk phenomenon, risk object, risk variable, risk source, risk factor, risk cause, direct peril, indirect peril, loss under risk, profit under risk, loss variable, profit variable, risk distribution, risk indicator, risk parameter Classification of business risks Risk policy, risk management Risk analysis: risk identification, risk description, risk exploration, risk-relevant measurements, risk evaluation, risk assessment, risk modelling Risk management: risk minimisation, risk protection, risk avoidance, risk mitigation, bearing of risk, risk prevention Risk control, risk monitoring Norms and standards of risk management: ISO 31000, ONR 49000 -- 49004, IEC/ISO 31010, COSO II, AIRMIC, IRM, ALARM FMEA (Failure Mode and Effect Analysis) as a tool of risk analysis and risk assessment: historical and thematic background, methodology, discussion of the FMEA assessment methodology Risk matrix, risk diagram Score diagram Stochastic risk parameters and risk measures as distribution parameters Probability distributions: Gaussian, Laplace, Student's t, extreme value, logistic, exponential, Weibull, gamma, negative Gaussian, Burr, hyperbolic, generalised hyperbolic Elementary stochastic risk measures: variance, standard deviation, signal-to-noise ratio, coefficient of variation, Sharpe ratio, nonconformance probability, expected shortfall, shortfall probability, risk parameters under reference values, Stone family Value at Risk and Conditional Value at Risk: definition, formal representations, values under special probability distributions Axioms of risk measures: distribution invariance, subadditivity, superadditivity, additivity, comonotonous additivity, nonnegative homogeneity, translation invariance, convexity, continuity, coherence			
Intended learning outcomes			
The student knows the schemes and concepts of risk analysis, risk assessment, risk measurement, and the theoretical background. The student knows the concepts of advanced stochastic risk modeling. In a practical business situation, the student is able to identify an appropriate scheme of risk assessment and corresponding meaningful risk measures.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes)			
Allocation of places			
30 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.			
Additional information			
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Workload			
150 h			

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Stochastic Models for Risk Analysis			12-RM-RA-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Point and interval estimation for the value at risk Point and interval estimation for the conditional value at risk Prediction of value at risk in time series Risk of forecasts in time series, in particular exponential smoothing under covariates Conditional heteroscedasticity: ARCH, GARCH, EGARCH, DVEC, BEKK, DCC Aggregated losses and their empirical analysis Empirical analysis of statistical distributions Nonparametric bounds for the value at risk and conditional value at risk Empirical estimation of nonparametric bounds for value at risk and conditional value at risk Market model: definition, derivation, parameters, empirical analysis Capital asset pricing model: definition, parameters, empirical analysis Asset portfolios: definition, risk parameters Estimation of portfolio parameters: variance, value at risk, conditional value at risk, shortfall Optimum portfolios: concepts, theory, numerical analysis			
Intended learning outcomes			
The student is able to estimate risk measures and the parameters of risk models from data. In particular, the student knows software packages and routines which enable empirical risk evaluation in a business context.			
Courses (type, number of weekly contact hours, language — if other than German)			
Ü (2) + V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes)			
Allocation of places			
30 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Master's students of Wirtschaftsinformatik (Business Information Systems) will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects. (3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)			
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Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Risk Management - Concepts and Systems			12-RM-KS-161-m01
Module coordinator		Module offered by	
holder of the Chair of Business Management and Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<b>Concepts:</b> The course will provide students with an overview of the main goals, contents, methods and instruments of opportunity and risk management in industrial and commercial enterprises. <b>Systems:</b> The course will provide students with an overview of the design and functionality of essential information systems for risk management.			
Intended learning outcomes			
Concepts: After completion of the module students have a sound understanding of basic concepts, processes, methods and tools of risk management. They are able to justify the duties and functions of risk management in the company in theory and practice. They can also evaluate proposed solutions for the design of a risk management system, analyze selected issues of risk management and building on that, develop their own solutions. Systems: After completing this module, students can (i) judge legal, organizational and methodological requirements for the implementation of risk management processes in a risk management information system (RMIS); (ii) understand the technical basis for RMIS; (iii) estimate the different characteristics of various information systems for the RM; (iv) understand the workings of RMIS.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
25 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
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Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
Legal Foundations of Risk Management and Compliance			12-M-RM1-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
2	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Content: This module analyses the presentation of opportunities and risks in financial reports, i. e. annual or interim reports, in conjunction with selected value-based management and profitability analysis approaches.			
Outline of syllabus:			
1. Basics of financial reporting and risk management;			
2. Practice of risk reporting;			
3. Profitability analysis according to Penman;			
4. Value-based management and risk management;			
5. Residual income and business valuation;			
6. Analysis of equity risk;			
7. Analysis of credit risk;			
8. Risk management monitoring by audit committees and auditors.			
Reading list to be provided in class.			
Intended learning outcomes			
After completing the course, the students will be able			
1. to present the relation between risk management and financial reporting;			
2. to analyze and solve independently complex problems with respect to the presentation of opportunities and risk in financial reports based on national and international standards;			
3. to identify the relation between risks and value-based management;			
4. to evaluate independently selected research results concerning risk reporting and desing own research- or practice-oriented projects.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
creditable for bonus			
Allocation of places			
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
60 h			
Teaching cycle			
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Financial Reporting and Risk Management		12-M-RM2-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
3	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module analyzes the presentation of opportunities and risks in the financial reporting of industrial and trading companies, e.g. in annual and consolidated financial statements, interim reports and ad hoc announcements. in conjunction with selected approaches for analyzing the earnings situation and value-oriented corporate management..		
<b>Intended learning outcomes</b>		
The module analyzes the presentation of opportunities and risks in the financial reporting of industrial and trading companies, e.g. in annual and consolidated financial statements, interim reports and ad hoc announcements. in conjunction with selected approaches for analyzing the earnings situation and value-oriented corporate management.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
90 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		

Module title		Abbreviation
Strategic Managerial Accounting		12-M-INST-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on accounting instruments, which are applied in the context of strategic management of enterprises. First, it addresses important drivers of strategic decisions from a microeconomic perspective, such as the emergence of cost and quality advantages in competition as well as scale and experience curve effects. Second, the module covers analytical and heuristic techniques of planning and control. In the context of these techniques, instruments of target costing, life cycle cost analysis, benchmarking and business wargaming are discussed with regard to their theoretical foundation and fields of application.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of decision-making and behavior control within enterprises is acquired. What is more, the module conveys obtaining knowledge about the strengths and weaknesses and therewith fields of application and limits of prevalent instruments of strategic corporate management used by practitioners.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 561 / 1020

Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Information Processing within Organizations		12-IV-161-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of the structure and the application areas of business management information systems in enterprises and public institutions.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. What is software: concepts, categories, application</li> <li>2. Software life cycle: duration, phases, steps</li> <li>3. As-is analysis: tasks, problems</li> <li>4. To-be concept: system design, data design, dialog design, function design</li> <li>5. Object orientation: paradigm shift</li> <li>6. Change management: meaning, methodologies, project management</li> <li>7. Office automation: tasks, areas of application</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Integrated Information Processing", students will be able to</p> <ul style="list-style-type: none"> <li>(i) understand the importance of integration in enterprises, especially in information systems;</li> <li>(ii) assess the progress of development of a software project, estimate cycle costs, know and consider requirements, which brings a software implementation with;</li> <li>(iii) select the correct procedures or practices in an as-is analysis and target conception and practically apply (with participation in the exercise);</li> <li>(iv) understand the importance of change management and project management and know the appropriate methods for specific applications.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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### Module appears in

Master's degree (1 major) Economathematics (2016)  
 Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

# **Strategic Corporate Communication**

(20 ECTS credits)



## Core

(10 ECTS credits)

Module title			Abbreviation
Communication in Business and Economics			12-M-BUC-182-m01
Module coordinator		Module offered by	
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture names introductory relevant communication models. Furthermore, the theoretical models of PR are discussed. The added value of communication for companies, business, politics, and science is explained. The discrepancy between journalism and PR is discussed, as well as the basic elements, instruments, goals, and forms of PR. The preparation and implementation of press meetings, conferences, campaigns, and events will be systematically explained, and the central aspects of corporate communications will be outlined. The exercise deals with the practical implementation of journalistic styles in the various media and provides an overview of the possibilities and concepts of PR work across different media and target groups.			
Intended learning outcomes			
After participating in the module courses, students are able to understand and apply PR and its forms, elements as well as methods and in a holistic context. Students learn professional competencies in the field of (business) communication with regard to reflection, argumentation, and exchange as a PR consultant in different areas. In addition, students will be able to apply concrete PR instruments in practice and prepare them professionally.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
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Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Business Communication in Print, Online and Social Media		12-M-ECC-182-mo1
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module focuses on the relationship of offer characteristics with benefit aspects for the end consumer and the business models on the part of the providers. Starting from the basics of editorial work and professional text management, the new forms of communication management in social networks are presented. The focus of the lecture is on the use of social media in campaigns (Facebook, Twitter, Instagram, Tiktok). There will also be exercises on various Web 2.0 applications (e.g. online social networks) and on the collection and interpretation of online market research data. However, crisis communication of companies will also be covered in particular opinion-makers on the web as well as protest culture on the web.</p>		
Intended learning outcomes		
<p>By participating in the module courses, students acquire job-specific skills in research and interviewing. Students are able to collect and organize information according to criteria of topicality and relevance. In addition, students are taught journalistic expertise so that they are able to recognize the forms of presentation of news, reports, and background reports with their media characteristics and communicative functions in different media genres and create them themselves. Students will be able to prototype and design a social media campaign, describe the editorial and technical approach including feedback, response, and customer engagement. In addition, students will be able to design counter-strategies for corporate communication crises.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 569 / 1020

Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 Master's degree (1 major) Media Entertainment (2022)  
 Master's degree (1 major) Psychology of digital media (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Project Modul: Crossmedial Business Communication		12-M-PCW-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Online and cross-media journalism takes into account the current media convergence. This seminar focuses on the individual elements and phases of production for the website, Facebook, Instagram, Twitter, and Tiktok against the background of current trends and developments. In addition, the seminar covers current trends in journalism. In addition to content-related topics, the focus is also on new methods (e.g. of storytelling), as well as technical developments.		
Intended learning outcomes		
After successful completion, students will be able to name the individual phases of online and cross-media journalism and carry them out on sample projects, explain and go through the individual production stages, use methods and tools for the individual steps.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 572 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
Master's degree (1 major) Media Entertainment (2022)  
Master's degree (1 major) Psychology of digital media (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Project Modul: Audiovisual Business Communication		12-M-PACW-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this seminar, students learn the basics of audiovisual forms of presentation (news, background report, reportage). They are first introduced to the use of cameras and editing. Students learn how to set news and stories in the picture and how to organize shoots. Television-specific journalistic basics such as the structure and design of a television report, organization, and handling of different filming situations, creating storyboards, copywriting, and speaking are learned.		
Intended learning outcomes		
Upon completion of the seminar, students will be able to apply editorial and technical knowledge and skills (including teamwork) to the production of television features.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 574 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
Master's degree (1 major) Media Entertainment (2022)  
Master's degree (1 major) Psychology of digital media (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Mass Media Processes and Effects		o6-MK-MKW1-Ex-182-mo1
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 50 minutes) or b) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Marketing & Strategic Communication		o6-MK-MKW2-Ex-182-m01
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 100 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Vertical Storytelling		12-M-VS-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 5 pages) Assessment offered: every year, summer semester		
Allocation of places		
--		
Additional information		
--		
Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Entertainment Marketing		o6-ENT-Ema-222-m01
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this module, we analyze entertainment institutions, entertainment offerings, or even entertaining celebrities with respect to their market value and their branding. Starting from an analysis of the current status of the brand, we strategically plan a re-positioning of the brand including a new brand communication. The new brand strategy is finally presented in a pitch.		
Intended learning outcomes		
Students learn to analyze and to optimize entertainment brands which are suboptimally positioned in the market. They learn to evaluate entertainment brands according to the requirements of the entertainment market, and not according to their own interest or liking. They get familiar with a pitch presentation being able to present a brand strategy in a marketing-like manner.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) oral examination of one candidate each (30 minutes) or b) presentation (15 to 30 minutes) plus written elaboration (10 to 15 pages) or c) portfolio (15 to 20 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Management (2022) Master's degree (1 major) Media Entertainment (2022)		

Module title		Abbreviation
Mass media processes and effects		o6-MK-MKW1-212-mo1
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
This module provides knowledge about fundamental concepts, theories and findings of media reception and media effects research. Using selected areas of mass media communication (e. g., advertising, music, entertainment), the module investigates, questions and provides students with deeper insights into these fundamentals.		
<b>Intended learning outcomes</b>		
Students learn to attribute media effects to complex causes and processes. They develop a systematic and analytic perspective on media effects. They further be able to apply basic concepts and theories to concrete media offers.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 50 minutes) or b) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Bachelor' degree (1 major) Media Communication (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Advertising and public relations		o6-MK-MKW2-212-mo1
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
This module aims to provide conceptual and structural knowledge about marketing, advertising, public relations, and media planning.		
<b>Intended learning outcomes</b>		
Students learn to think strategic and market-oriented by taking the perspective of business companies and organisations. They become familiar with central concepts, occupational areas, and mindsets of the marketing and PR field.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 100 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Bachelor' degree (1 major) Media Communication (2021) Master's degree (1 major) Management (2022)		



# Econometrics

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: German (winter semester), English (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Econometrics 2</b>		12-M-OE2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basics, concepts and methods of the generalized least squares (GLS) framework. Partly as a motivation for the GLS model and partly for its own right, different specification and data problems as well as violations of model assumptions of the OLS estimator (as introduced in "Ökonometrie I" ("Econometrics I")) are discussed. This includes multicollinearity, a test for structural breaks, heteroskedasticity and autocorrelation. Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Specification analysis</li> <li>2. Multicollinearity</li> <li>3. Heteroskedasticity</li> <li>4. Autocorrelated disruptive terms</li> <li>5. Generalized least squares (GLS)</li> </ol>		
Intended learning outcomes		
Students acquire essential knowledge of the fundamentals, methods and concepts for estimating the generalized linear regression model (GLS) and can apply and interpret it. They are sensitized for specification problems, data problems and violations of the assumptions of the classical linear model (OLS) in order to be able to recognize, to assess and therefore adequately deal with these problems in theory and practice. This enables them to critically assess the use of the estimation methods in scientific work, to work independently on adequate implementation of empirical analyzes and to answer selected (economic) scientific issues if available data with the above-mentioned involved problems. The competences acquired in this course serve as a prerequisite for "Econometrics III", "Microeconometrics" und "Financial Econometrics".		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title			Abbreviation
Econometrics 3			12-M-OE3-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Error-in-variables</li><li>2. IV estimation</li><li>3. Generalized least squares estimation</li><li>4. Distributed lag models</li><li>5. Stationary uni- and multivariate processes</li><li>6. Deterministic and stochastic trends</li><li>7. Integrated and cointegrated processes</li></ol>			
Intended learning outcomes			
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			



<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Analysis of Financial Market Data			12-M-FMO-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>The module covers the fundamentals, methods and concepts for the empirical analysis of financial market data. The concept of market efficiency is explained and critically examined with reference to the random walk hypothesis. To test this hypothesis, a number of parametric and non-parametric methods are proposed and applied in practice. Based on the findings, market microstructure models that can explain some important empirical findings will be discussed. In addition, the course describes event studies for testing the significant impact of corporate news on the share price and discusses issues of univariate time series analysis such as AR(I)MA and ARCH / GARCH models that are indispensable for modelling financial market data. In the final part of the course, CAPM is discussed and examined, in particular with regard to its empirical applicability.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Information efficiency</li><li>2. Random walk</li><li>3. Theoretical market models</li><li>4. Event studies</li><li>5. Univariate modelling of time series data</li><li>6. Models to explain volatility (ARCH and GARCH)</li><li>7. Estimation of the capital asset pricing model</li></ol> <p>Reading:</p> <p>Alexander, C.: A Guide to Financial Data Analysis, Wiley.</p> <p>Campbell, JY, Lo, AW, MacKinley, AC: The Econometrics of Financial Markets, Princeton University Press.</p> <p>Geyer, A.: Information, Erwartung und Risiko. Aspekte der Verteilung, Abhängigkeit und Varianz von finanzwirtschaftlichen Zeitreihen, Verlag V. Florentz.</p> <p>Hamilton, JD: Time Series Analysis, Princeton University Press.</p> <p>Mills, T.: Econometric Modelling of Financial Time Series, Cambridge University Press.</p> <p>Taylor, S.: Modelling Financial Time Series, Wiley.</p>			
Intended learning outcomes			
Students have significant knowledge of the fundamentals, methods and concepts that are needed for the empirical analysis of financial market data. They can autonomously perform statistical test decisions with statistic programs such as R and critically analyze their economic importance. In addition, the students learn the independent handling of empirical capital market data and at the end of the course, they will have the ability to develop own functions and routines, for example for R.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus			

<b>Allocation of places</b>
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<b>Additional information</b>
Research track module in Master's programme IEP
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Microeconometrics		12-M-MIK-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course teaches basics, methods and concepts for the analysis of individual data. The scaling of observed data is adequately addressed. The maximum likelihood method, which is important for this type of data, is explained in detail.		
<b>Outline</b>		
What is microeconometrics? Models for qualitatively dependent variables Models for limited dependent variables Time-dependent models		
<b>References</b>		
Greene, W. H.: Econometric Analysis, Philip Alan. Ronning, G.: Microeconometrics, Springer Verlag. Verbeek, M.: Modern Econometrics, Wiley. Winkelmann, R., Boes, S.: Analysis of Microdata, Springer Verlag.		
<b>Intended learning outcomes</b>		
Students have significant knowledge of the maximum likelihood method and the most important models for qualitatively and limited dependent variables. They can autonomously perform estimations with statistic programs such as R and interpret the results meaningfully		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)

Module title			Abbreviation
Empirical HR Research with Stata			12-M-EPF-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The seminar "Empirische Personalforschung" ("Empirical Personnel Economics") introduces and discusses the most important estimation problems and their application in the software package STATA. In addition, students learn, with the help of basic problems of personnel economics, how estimation programs are programmed in STATA.</p> <p>Reading list to be provided in class.</p>			
Intended learning outcomes			
<p>The aim of the seminar is to enable students to understand and apply the most important estimation programmes and their application in STATA with a focus on problems in personnel economics.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 10 pages)</p> <p>Assessment offered: Once a year as announced</p> <p>Language of assessment: German and/or English</p>			
Allocation of places			
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>			
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Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Market Research and Demand Analysis			12-M-EIO-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<div>1. (Recap of) Econometric methods<ul style="list-style-type: none"><li>• Ordinary Least Squares (OLS)</li><li>• Endogeneity and how to deal with it (Instrumental Variables)</li></ul></div> <div>2. Estimation of demand<ul style="list-style-type: none"><li>• Representative consumer models</li><li>• Multinomial Logit Model (ML) and extensions</li><li>• Discrete choice models with individual data</li><li>• Discrete choice models with aggregate data</li></ul></div> <div>3. Further applications<ul style="list-style-type: none"><li>• Demand and Supply estimation</li><li>• Inferring marginal costs</li><li>• Using structural models for counterfactual policy analysis</li></ul></div>			
Intended learning outcomes			
The students taking this class will learn modern empirical methods in studying questions related to industry outcomes. They will become familiar with methods used in estimating demand and during exercises will learn how one can implement these methods in practice using statistical software. The lectures will help students to have a thorough understanding of the so-called New Empirical Industrial Organization (NEIO) methodology. The students will become familiar with methods used in estimating demand and imperfect competition models among firms. They will learn how to use such models to infer marginal costs as well as constructing policy simulations based on the estimated models to evaluate the effects of changes in the competitive environment, such as mergers. A student that successfully completes this course will not only be able to read empirical academic papers but will also implement a few important models in computer exercises. Furthermore, students will be able to draw implications of empirical studies for economic policy in areas such as antitrust and regulation.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			
Teaching cycle			
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Computational Economics		12-M-NGM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This course will mostly be concerned with the analysis of public policy (in areas such as taxation, social security etc.). Providing students with state-of-the-art techniques for quantitative macroeconomic research in this very field and familiarising them with the relevant literature, this course will teach students how such policies redistribute between different generations and also within generations, how they may improve risk sharing when markets are incomplete and how they can trigger distortions and therefore hurt the aggregate economy.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Programming with FORTRAN and application of numerical methods</li> <li>2. Solution techniques for dynamic programming problems</li> <li>3. Policy analysis with stochastic growth and life cycle models</li> </ol> <p>Reading:</p> <p>Lecture notes will be provided.</p>		
<b>Intended learning outcomes</b>		
<p>After completing the course "Advanced Computational EconomicsI" students will be able to</p> <ul style="list-style-type: none"> <li>(i) edit and solve stochastic economic problems using advanced numerical techniques;</li> <li>(ii) implement small scale economic models on the computer;</li> <li>(iii) simulate tax and social security policy reforms and interpret the quantitative results in economic term.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 599 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

# Monetary Policy

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
<b>Monetary Policy and the Financial System</b>		12-M-EG1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a thorough introduction to monetary policy. The course is divided into four sections. The first one repeats macroeconomic concepts. The second one deals with core topics on monetary policy and theory. In the third one, monetary policy with the zero lower bound on nominal interest rates constraint is analyzed. The fourth section deals with linkages between monetary and fiscal policy.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each winter term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students will acquire a thorough understanding of the theory and practice of monetary policy. Students gain expertise on institutional aspects and theoretical monetary models. Having completed the module, students will be able to understand current developments in monetary policy and and apply models and theories to analyze and evaluate these.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Monetary Policy, Foreign Exchange Markets, and the International Monetary System			12-M-EG2-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The course deals with the following topics:</p> <p>The foreign exchange market: Functioning of foreign exchange markets; market structure, players and evolution; FX transactions; hedging and speculation with FX.</p> <p>Exchange rate economics: Theoretical background and empirical validity of covered interest parity (CIP), uncovered interest rate parity (UIP) and purchasing power parity (PPP); Monetary approach: Flexible price monetary model and sticky price (Dornbusch-) overshooting model; Balassa-Samuelson effect; FX valuation via the PPP and the macroeconomic balance approach; Real effective exchange rates; Empirical validity of the exchange rate theories; Exchange rates and the current account.</p> <p>Exchange rate regimes and monetary policy in open economies: Classification of exchange rate regimes; the policy trilemma in open economies; historical development of the international monetary system; central bank interventions on the FX market.</p> <p>Modelling open economy macroeconomics at the intermediate level: Implications of the Mundell-Fleming model for monetary and fiscal policy under fixed and flexible exchange rates. The BMW (IS-MP-PC) model of the open economy and its implication for monetary and fiscal policy under fixed and flexible exchange rates; optimum currency areas in the BMW model and in practice.</p> <p>Currency crises: International experience with currency crises since the 1970s; modelling currency crises within the Mundell-Fleming framework.</p> <p>Managed-floating as a solution for the policy trilemma.</p>			
Intended learning outcomes			
<p>By completing this course, students receive a profound understanding of the functioning of foreign exchange markets, the drivers of exchange rate movements and some exchange rate valuation methods used in practice. Next to a profound knowledge of exchange rate theory the course highlights its practical applicability, e.g. as an investment strategy. In the second part of the course students learn the principles of monetary policy in open economies, including its trade-offs and risks like currency crises. Students will be able to analyze these issues based on theoretical models as well as the international historical experience.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English</p>			
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creditable for bonus
<b>Allocation of places</b>
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
DSGE Modelling		12-M-DMM-182-mo1
Module coordinator		Module offered by
Head of the Work Group of Empirical Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course offers an introduction to "Dynamic Stochastic General Equilibrium Modelling" (DSGE). These models are designed to describe the business cycle at the macro level. In a first step, we analyse the behaviour of a representative household. In particular, we describe how consumption, asset allocation and labour supply plans are formulated. In a second step, we focus on the firm sector and address how firms solve for optimal production plans. In a third step, we explain what role the central bank plays in stabilising the business cycle. Thereby, we show how changes in interest rates interact with optimal decisions taken by households and firms. We also discuss hot topics such as CAPM models and monetary policy in the euro area.</p>		
Intended learning outcomes		
<p>The course offers analytical tools designed to solve DSGE models. These analytical skills encompass:</p> <ul style="list-style-type: none"> <li>• Solving of intertemporal optimization problems (e.g., consumption Euler-equations).</li> <li>• Linearization methods (e.g., Taylor-expansions).</li> <li>• Solving linear difference expectations by minimum state variabel techniques (MSV-solution).</li> <li>• Basic time series concepts such as impulse response functions, variance decompositions.</li> <li>• Basic insights in MATLAB/ Dynare programming: specifying, solving and estimating DSGE models.</li> </ul> <p>Based on the course students are able themselves to design and implement DSGE models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)  Master's degree (1 major) International Economic Policy (2018)  Master's degree (1 major) China Business and Economics (2019)  Master's degree (1 major) China Language and Economy (2019)  Master's degree (1 major) China Business and Economics (2021)  Master's degree (1 major) China Language and Economy (2021)</p>		
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Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Macroeconomic Policy		12-M-EMP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In particular, the course outline is as follows:</p> <p><b>I. Targets of macroeconomic policy</b></p> <p><b>II. The mechanics of the two core macroeconomic models</b></p> <p>a. The classical model of a self-stabilizing corn economy</p> <p>b. The Keynesian model of a monetary economy with inherent instability</p> <p>c. The financial system and banks in the two models</p> <p><b>III. The diverging policy implications of the two paradigms</b></p> <p>a. Unemployment: wage rigidities versus rationing of the labor market by the goods market</p> <p>b. Government debt: Crowding out versus Modern Monetary Theory (MMT)</p> <p>c. Inflation: quantity theory versus Phillips curve</p> <p>d. The incompatibility of the two worlds</p> <p><b>IV. A simple IS/MP/PC model</b></p> <p><b>V. The monetary policy of the ECB</b></p> <p>a. The mandate of the ECB and possible trade-offs with unemployment and financial stability</p> <p>b. Conventional/unconventional instruments of the ECB / The risk of fiscal dominance</p> <p>c. ECB strategy and climate policy</p> <p>d. The threat of deflation and the Zero-Lower Bound</p> <p><b>VI. The difficult task of coordinating 19 independent national fiscal policies in the EMU</b></p> <p>a. Specific challenges due to lack of political integration: Lack of coordination versus lack of fiscal discipline</p> <p>b. The limitations set by Stability and Growth Pact</p> <p>c. The rationale of fiscal rules: Maastricht Treaty, Fiscal Compact/Debt Brake, Golden Rule / reform proposals</p> <p><b>VII. Specific EMU topics</b></p> <p>a. Is the EMU an optimum currency area?</p>		

b. The financial crisis and the euro crisis: The dismal performance of the ECB until 2012 and the paradigm change by Mario Draghi ("Whatever it takes")

c. The ECB in the Corona crisis and Next Generation EU

### Intended learning outcomes

By the end of the course, students will have gained a basic understanding of European macroeconomics.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.

### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)

Master's degree (1 major) International Economic Policy (2018)

Master's degree (1 major) China Business and Economics (2019)

Master's degree (1 major) China Language and Economy (2019)

exchange program Business Management and Economics (2022)

Module title		Abbreviation
Selected Topics of European Integration		12-M-SEI-161-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module provides students with a more in-depth understanding of specific problems of macroeconomics and current economic policy.		
Intended learning outcomes		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare better for the processing of the master's thesis.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English		
Allocation of places		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019)		
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Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)



Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: German (winter semester), English (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
Intended learning outcomes		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Macroeconomics			12-M-MFF-182-m01
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	English	
Contents			
<u>Content</u>			
The course covers long-run aspects of macroeconomics. We start with a review of the facts of long-run growth and a review of the Solow-growth model. The lecture then focuses on the infinite-horizon Ramsey-Cass-Koopmans model, on endogenous growth theory and it puts the roles of human capital and institutions under scrutiny. Applications of this framework involving urban and regional growth, resources and the environment will be taken up, time permitting.			
<u>Outline</u>			
I Facts and the Solow Growth Model			
II Infinite-Horizon Ramsey-Cass-Koopmans model			
III Endogenous Growth			
IV Human Capital, Social Infrastructure and Beyond			
V Applications (Urban and regional growth; Growth, resources and the environment)			
<u>Literature:</u>			
The course draws strongly on the textbook:			
David Romer, Advanced Macroeconomics, 4 <sup>th</sup> edition, McGraw-Hill Irwin.			
We will use journal articles and research papers at several parts of the lecture.			
Intended learning outcomes			
Students acquire a working knowledge of the key models and analytical tools of advanced macroeconomics. This enables them to identify the key forces that determine the determinants of income levels and growth rates of incomes, to make informed policy analysis and statements and to critically evaluate current controversies and developments as well as to conduct their own research.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus			
Allocation of places			
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Applied Empirical Macroeconomics		12-M-AEM-211-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module introduces students to current topics and methods in applied empirical macroeconomics. This includes an overview of topical macroeconomic issues and empirical regularities as well as multivariate time series methods that are widely used in empirical applications.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each winter term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
After completing the module, students have obtained an overview of empirical methods used in applied empirical macroeconomic analysis. Besides a theoretical knowledge of commonly used empirical models and a critical discussion of their limitations, students should also be able to conduct empirical analyses themselves.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or</p> <p>b) term paper (approx. 15 pages) or</p> <p>c) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Business Cycles		12-M-BC-211-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is an introduction to dynamic macroeconomic models with microeconomic foundations with a focus on modern business cycle theories. The course is divided into several sections. Following an introduction to empirical facts on business cycles, the students are introduced to microeconomic foundations of macroeconomic models. Afterwards, the real business cycle model and the New Keynesian model and their connections are covered. Finally, the models are applied to current macroeconomic topics.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students will acquire a basic understanding of modern business cycle theory. Students gain expertise on business cycle theory as well as on macroeconomic modeling. Having completed the module, students will be able to understand current business cycle development, apply business cycle models to analyze these and to develop appropriate policy measures.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or</p> <p>b) term paper (approx. 15 pages) or</p> <p>c) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
--		

<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

# International Economics

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
International Trade and the Multinational Firm		12-M-ITMF-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p><u>Content</u></p> <p>The lecture starts out with theories of international trade based on comparative advantage (Ricardo and Heckscher-Ohlin) followed by theories based on monopolistic and oligopolistic competition to explain intra-industry trade. The final part covers firm heterogeneity and multinational firms. [If time permits the Armington model and the standard neoclassical model will be addressed.]</p> <p><u>Outline</u></p> <p>I Ricardian Trade Theory</p> <p>II Heckscher-Ohlin Trade Theory</p> <p>III New Trade Theory: Intra-Industry Trade, Increasing Returns to Scale, Imperfect Competition</p> <p>IV Firm Heterogeneity, Trade and FDI</p> <p>V The Multinational Firm</p> <p><u>Literature:</u></p> <p>The module draws heavily on articles from scholarly journals and handbooks. A detailed list of references with further references, notably journal articles, is provided with each chapter of the lecture. Material from the following books is also used:</p> <p>Helpman, E. (2011). Understanding Global Trade. Princeton University Press.</p> <p>Feenstra, R.C. (2016). Advanced International Trade. Theory and Evidence. Princeton University Press, Second Edition</p> <p>Caves, R., R.W. Jones and J.A. Frankel (2007). World Trade and Payments. Addison Wesley</p> <p>Bhagwati, J., A. Panagariya and T. N. Srinivasan (1998). Lectures on International Trade. Second Edition. MIT Press</p> <p>Gandolfo, G. (1998). International Trade Theory and Policy. Springer-Verlag, Berlin and New York</p> <p>Markusen, J.R., J.R. Melvin, W.H. Kaempfer, K. E. Maskus (1995). International Trade. McGrawHill</p> <p>Barba Navaretti, G. and A.J. Venables (2004). Multinational Firms in the World Economy. Princeton University Press</p>		
Intended learning outcomes		
<p>The students acquire the ability to critically understand the causes and drivers of world trade and the developments of specialization patterns in the global economy. They learn to analyze, discuss and defend these developments and to apply the tools and methods to evaluate controversies associated with the ongoing deepening</p>		

of the international division of labor, in particular the repercussions of the global economy on national economies.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

**Allocation of places**

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**Additional information**

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**Workload**

150 h

**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Trade Policy and the World Trading System			12-M-TP-182-m01
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<u>Content</u>			
<p>The module starts out with a sketch of key facts and the evolution of the world trading system as well as current trade policy controversies. The main part of the lecture deals with trade policy instruments (e.g. tariffs and quotas) and arguments in favor of trade policy interventions (the terms of trade, strategic trade policy, infant industries, industrial policy, environmental policy). Political economy issues are also addressed.</p>			
<u>Outline</u>			
<p>1 The evolution of the world trading system and current issues</p> <p>2 Trade policy instruments and their effects under perfect competition</p> <p>3 The competition effect of trade opening</p> <p>4 Domestic distortions</p> <p>5 International market power and trade policy</p> <p>6 Political economy and the world trading system</p>			
<u>Literatur:</u>			
<p>The main text used is:</p> <p>Helpman, E. und P.R. Krugman (1989). Trade Policy and Market Structure. The MIT Press, Cambridge, Massachusetts.</p> <p>The following monographs cover the evolution of the world trading system and the evolution of ideas in trade policy making:</p> <p>Bhagwati, J. (2002). Free Trade Today, Princeton University Press</p> <p>Bhagwati, J. (2005). In Defense of Globalization. Oxford University Press</p> <p>Irwin, D. (2020). Free Trade Under Fire, Princeton University Press, 5th Edition (as well as former editions partially containing further material)</p> <p>Irwin, D. (1996). Against the Tide. An Intellectual History of Free Trade, Princeton University Press</p> <p>Basic refreshers are</p> <p>Krugman, P.R., M. Obstfeld und M. Melitz (2018), International Economics. Theory and Policy. Addison-Wesley, 11th Edition</p> <p>Caves, R., R.W. Jones und J.A. Frankel (2007), World Trade and Payments. An Introduction. Addison-Wesley, 10th Edition</p>			
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This literature is complemented by papers from scholarly journals.

### Intended learning outcomes

tudents acquire the ability to critically understand the effects and issues associated with the use of trade policy instruments. They are enabled to understand and evaluate the causes and consequences of interventions in international trade on the aggregate economy, producers and consumers, the foreign trading partners and the world trading system both analytically as well as in an intuitive manner. Students also acquire the scientific knowledge to grasp the factors determining the structure and dynamics of the world trading order

### Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)  
Language of assessment: German and/or English  
creditable for bonus

### Allocation of places

--

### Additional information

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### Workload

150 h

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



## Core Electives

(10 ECTS credits)

Module title			Abbreviation
Advanced Macroeconomics			12-M-MFF-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	English	
Contents			
<u>Content</u>			
The course covers long-run aspects of macroeconomics. We start with a review of the facts of long-run growth and a review of the Solow-growth model. The lecture then focuses on the infinite-horizon Ramsey-Cass-Koopmans model, on endogenous growth theory and it puts the roles of human capital and institutions under scrutiny. Applications of this framework involving urban and regional growth, resources and the environment will be taken up, time permitting.			
<u>Outline</u>			
I Facts and the Solow Growth Model			
II Infinite-Horizon Ramsey-Cass-Koopmans model			
III Endogenous Growth			
IV Human Capital, Social Infrastructure and Beyond			
V Applications (Urban and regional growth; Growth, resources and the environment)			
<u>Literature:</u>			
The course draws strongly on the textbook:			
David Romer, Advanced Macroeconomics, 4 <sup>th</sup> edition, McGraw-Hill Irwin.			
We will use journal articles and research papers at several parts of the lecture.			
Intended learning outcomes			
Students acquire a working knowledge of the key models and analytical tools of advanced macroeconomics. This enables them to identify the key forces that determine the determinants of income levels and growth rates of incomes, to make informed policy analysis and statements and to critically evaluate current controversies and developments as well as to conduct their own research.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus			
Allocation of places			
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Economic Geography</b>		12-M-EG-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Der Kurs wird in Englisch gelesen</p> <p><u>Content</u></p> <p>The lecture starts with a brief motivation of the core issues and a short overview over key forces driving the allocation of economic activity in space. The main parts of the lecture cover the functioning and evolution of cities and city systems, and the economic geography of regions and countries.</p> <p>I Motivation and Facts</p> <p>II Location Basics</p> <ul style="list-style-type: none"> <li>- Forces Shaping the Location of Economic Activity in Space</li> <li>- Some Intellectual Background</li> </ul> <p>III Urban and Regional Economics</p> <ul style="list-style-type: none"> <li>- The Spatial Structure of Cities</li> <li>- City Systems</li> </ul> <p>III New Economic Geography</p> <ul style="list-style-type: none"> <li>- From the New Trade Theory to the New Economic Geography</li> <li>- Footloose Capital Model and Policy Applications</li> <li>- Core Periphery Models and Policy Applications</li> <li>- Empirics</li> </ul> <p><u>Literature:</u></p> <p>The course uses a combination of textbooks and journal articles. Articles from the Handbook of Urban and Regional Economics (current and previous volumes) are heavily used. Useful books are:</p> <p>Brakman, W., H. Garretsen and Ch. van Marrewijk, 2009, The New Introduction to Geographical Economics, Cambridge University Press</p> <p>Baldwin, R., R. Forslid, P. Martin, G. Ottaviano and F. Robert-Nicoud, 2003, Economic Geography and Public Policy, Princeton, 2003</p> <p>Combes, P.P, Th. Mayer and J.F. Thisse, 2008, Economic Geography. The Integration of Regions and Nations, Princeton University Press</p> <p>Fujita, M., P.R. Krugman and A.J. Venables, 1999: The Spatial Economy, MIT Press</p>		
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Fujita, M. and J.-F. Thisse (2013). Economics of Agglomeration. Cities, Industrial Location and Regional Growth. Cambridge University Press.

Krugman, P.R., 1991, Geography and Trade, MIT Press

### Intended learning outcomes

Students acquire a knowledge of the forces which determine the allocation of economic activity in space and they learn to apply fundamental models of cities, city systems and of regional agglomerations to understand and analyze policy issues involving local, regional and international policy questions both analytically and in an economic intuitive way.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

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### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Competition Policy		12-M-WPE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: <ul style="list-style-type: none"> <li>• repeated games and factors affecting likelihood of collusion</li> </ul> </li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol> <p>The course will be taught in English.</p>		
<b>Intended learning outcomes</b>		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
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<b>Additional information</b>
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Public Finance		12-M-EFP-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course aims at introducing the main public finance issues in the European Union. Students will learn how the revenues of the Union are generated and how they are spent. We will discuss the motivation and implications of the Brexit decision and various coordination problems with respect to public debt, taxation and environmental policy. Economic policy is discussed with simple models, which highlight the central problems.</p> <p>Course contents:</p> <ol style="list-style-type: none"> <li>1. The European Union: History and Institutions</li> <li>2. The Budget of the European Union</li> <li>3. Economic Analysis of the Brexit Process</li> <li>4. Sovereign Debt, Financial Crisis and Fiscal Integration in the EMU</li> <li>5. Tax Competition or Tax Coordination in Europe?</li> <li>6. European Climate Policy: Emission Trading and Green Deal</li> </ol>		
Intended learning outcomes		
After completing the course students are introduced to the central public finance policy issues, institutions and rules of conduct in the EU. They are able to apply simple theoretical models to to discuss and analyze more specific policy problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 637 / 1020



**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Macroeconomic Policy		12-M-EMP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In particular, the course outline is as follows:</p> <p><b>I. Targets of macroeconomic policy</b></p> <p><b>II. The mechanics of the two core macroeconomic models</b></p> <p>a. The classical model of a self-stabilizing corn economy</p> <p>b. The Keynesian model of a monetary economy with inherent instability</p> <p>c. The financial system and banks in the two models</p> <p><b>III. The diverging policy implications of the two paradigms</b></p> <p>a. Unemployment: wage rigidities versus rationing of the labor market by the goods market</p> <p>b. Government debt: Crowding out versus Modern Monetary Theory (MMT)</p> <p>c. Inflation: quantity theory versus Phillips curve</p> <p>d. The incompatibility of the two worlds</p> <p><b>IV. A simple IS/MP/PC model</b></p> <p><b>V. The monetary policy of the ECB</b></p> <p>a. The mandate of the ECB and possible trade-offs with unemployment and financial stability</p> <p>b. Conventional/unconventional instruments of the ECB / The risk of fiscal dominance</p> <p>c. ECB strategy and climate policy</p> <p>d. The threat of deflation and the Zero-Lower Bound</p> <p><b>VI. The difficult task of coordinating 19 independent national fiscal policies in the EMU</b></p> <p>a. Specific challenges due to lack of political integration: Lack of coordination versus lack of fiscal discipline</p> <p>b. The limitations set by Stability and Growth Pact</p> <p>c. The rationale of fiscal rules: Maastricht Treaty, Fiscal Compact/Debt Brake, Golden Rule / reform proposals</p> <p><b>VII. Specific EMU topics</b></p> <p>a. Is the EMU an optimum currency area?</p>		

b. The financial crisis and the euro crisis: The dismal performance of the ECB until 2012 and the paradigm change by Mario Draghi ("Whatever it takes")

c. The ECB in the Corona crisis and Next Generation EU

### Intended learning outcomes

By the end of the course, students will have gained a basic understanding of European macroeconomics.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.

### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)

Master's degree (1 major) International Economic Policy (2018)

Master's degree (1 major) China Business and Economics (2019)

Master's degree (1 major) China Language and Economy (2019)

exchange program Business Management and Economics (2022)

Module title			Abbreviation
Topics in International Economics			12-M-ATIÖ1-182-m01
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<u>Content</u>  Current topics in international economics and economic geography [e.g. Urbanization and Inequality; Tasks, Trade, and Cities; Outsourcing, Offshoring and Multinational Firms; Competition of Locations, Jurisdictions and Systems; Globalization and the Environment; Trade, Multinational Firms and Labor Markets; Triumph of the City]			
<u>Literature:</u>  Peer-reviewed articles and/or monographs.			
Intended learning outcomes			
Drawing on current cutting-edge research, students are enabled to analyze current research questions and to learn and apply research methods. The seminar style of the course teaches them to present their own seminar papers and research both in written and in oral form. Students are enabled to critically analyze and discuss the work of their peers.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Course type: V and Ü might also be offered as a workshop			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) or c) portfolio (approx. 20 pages) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 641 / 1020

Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

# Industrial Economics

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		



The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Competition Policy		12-M-WPE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: <ul style="list-style-type: none"> <li>• repeated games and factors affecting likelihood of collusion</li> </ul> </li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol> <p>The course will be taught in English.</p>		
<b>Intended learning outcomes</b>		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title			Abbreviation
Theory of Industrial Organization			12-M-TI1-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Theory of industrial organisation:</p> <ol style="list-style-type: none"><li>Monopoly pricing<ul style="list-style-type: none"><li>Nonlinear pricing and mechanism design</li><li>Dynamic pricing: experience goods, durable goods</li></ul></li><li>Oligopoly pricing<ul style="list-style-type: none"><li>Static price and quantity competition in homogeneous and differentiated goods markets</li><li>Comparative statics</li><li>Equilibrium market structure</li></ul></li><li>Dynamic competition in oligopoly markets<ul style="list-style-type: none"><li>Subgame perfect equilibrium and models of dynamic competition</li><li>Repeated games and collusion</li></ul></li><li>Strategic behaviour by incumbent firms<ul style="list-style-type: none"><li>Entry deterrence and predation</li><li>Signalling and reputation</li></ul></li><li>Behavioral Industrial Organization<ul style="list-style-type: none"><li>Reference Dependent Preferences and Framing Effects</li><li>Time inconsistent behavior</li></ul></li></ol> <p>The course will be taught in English.</p>			
Intended learning outcomes			
Students which complete this class will acquire a working knowledge of advanced theoretical models of competition in oligopoly markets as well as sophisticated pricing techniques in monopoly markets. They will learn the conditions under which the predictions of these models are valid. They will become familiar with applications of advanced game theoretic tools, such as dynamic models of competition, for studying interactions between firms in markets. By means of comprehensive exercises, they will apply the methods they learn in class to practically relevant problems. They will be in a position to read academic papers on related topics, assess the strengths and weaknesses of an approach, summarize and comment on these papers and suggest possible extensions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Applied Industrial Organization		12-M-TI2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This course discusses vertical contracts in supply chains and their impact on competition.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. The classic problem of double marginalisation and its solution by nonstandard contracts (resale price maintenance, nonlinear pricing (rebates), exclusive territories, exclusive dealing etc.)</li> <li>2. Contracts for service</li> <li>3. Common agency</li> <li>4. The delegation principle</li> <li>5. The commitment problem</li> <li>6. Interlocking relationships</li> <li>7. Foreclosure by vertical contracts or mergers</li> </ol>		
Intended learning outcomes		
<p>After completing the course students are able to</p> <p>(i) explain the results of theoretical industrial economics on vertical contracts;</p> <p>(ii) apply the involved methods to given simple examples on their own;</p> <p>(iii) recognize, in which real life situations (and how) the results can be applied;</p> <p>(iv) analyze the impact of certain vertical contracts on competition.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Market Research and Demand Analysis		12-M-EIO-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<ol style="list-style-type: none"> <li>(Recap of) Econometric methods <ul style="list-style-type: none"> <li>Ordinary Least Squares (OLS)</li> <li>Endogeneity and how to deal with it (Instrumental Variables)</li> </ul> </li> <li>Estimation of demand <ul style="list-style-type: none"> <li>Representative consumer models</li> <li>Multinomial Logit Model (ML) and extensions</li> <li>Discrete choice models with individual data</li> <li>Discrete choice models with aggregate data</li> </ul> </li> <li>Further applications <ul style="list-style-type: none"> <li>Demand and Supply estimation</li> <li>Inferring marginal costs</li> <li>Using structural models for counterfactual policy analysis</li> </ul> </li> </ol>		
Intended learning outcomes		
<p>The students taking this class will learn modern empirical methods in studying questions related to industry outcomes. They will become familiar with methods used in estimating demand and during exercises will learn how one can implement these methods in practice using statistical software. The lectures will help students to have a thorough understanding of the so-called New Empirical Industrial Organization (NEIO) methodology. The students will become familiar with methods used in estimating demand and imperfect competition models among firms. They will learn how to use such models to infer marginal costs as well as constructing policy simulations based on the estimated models to evaluate the effects of changes in the competitive environment, such as mergers. A student that successfully completes this course will not only be able to read empirical academic papers but will also implement a few important models in computer exercises. Furthermore, students will be able to draw implications of empirical studies for economic policy in areas such as antitrust and regulation.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Microeconomics			12-M-AM-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>In a nutshell, microeconomic theory considers the behavior of individual economic agents and builds from this foundation to a theory of aggregate economic outcomes, which then can be applied for conducting welfare analysis and giving policy advice. This lecture addresses the core building block of this thought complex: individual decision making and behavior. Specifically, students will come to understand in detail the standard models of riskless consumer choice, choice under risk and intertemporal choice and learn about the empirical challenges and limitations of these models.</p> <p>Throughout the lecture, we will work with precise mathematical formalizations of the ideas that we want to think and talk about. In consequence, a solid understanding of the mathematical toolbox of standard microeconomics (e.g., differential calculus and constrained optimization; basic set theory; integration by parts) will be helpful as it will allow to focus on the underlying economic intuition. However, every required mathematical concept will be introduced and explained along the way, such that a strong interest in formal economic analysis is more important than an advanced mathematical background.</p> <p>The exposition is primarily based on the standard graduate textbooks</p> <ul style="list-style-type: none"><li>• Mas-Colell, Whinston and Green (1995): “Microeconomic Theory”</li><li>• Jehle and Reny (2001): “Advanced Microeconomic Theory”</li></ul>			
Intended learning outcomes			
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"><li>• explain essential findings of microeconomic theory,</li><li>• apply the involved methods to given stylized examples on their own,</li><li>• recognize in which real life situations and how the results can be applied.</li></ul>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
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Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 656 / 1020

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Econometrics 3			12-M-OE3-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Error-in-variables</li><li>2. IV estimation</li><li>3. Generalized least squares estimation</li><li>4. Distributed lag models</li><li>5. Stationary uni- and multivariate processes</li><li>6. Deterministic and stochastic trends</li><li>7. Integrated and cointegrated processes</li></ol>			
Intended learning outcomes			
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			

<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
European and German Competition Law I for Economists		02-N-P-W13a-221-m01
Module coordinator		Module offered by
Dean of Studies Faculty of Law		Faculty of Law
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
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<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
presentation (approx. 15 minutes) with handout (1 to 2 pages) and written examination (approx. 120 minutes)		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)		

Module title		Abbreviation
European and German Competition Law II for Economists		02-N-P-W21a-221-m01
Module coordinator		Module offered by
Dean of Studies Faculty of Law		Faculty of Law
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
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<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
presentation (approx. 15 minutes) with handout (1 to 2 pages) and written examination (approx. 120 minutes)		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)		



Module title		Abbreviation
European and German Competition Law I		02-N-P-W13-182-m01
Module coordinator		Module offered by
Dean of Studies Faculty of Law		Faculty of Law
ECTS	Method of grading	Only after succ. compl. of module(s)
3	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
German contents available but not translated yet.  Die Vorlesung bietet eine Einführung in die wirtschaftlichen und rechtlichen Grundlagen des deutschen und europäischen Kartellrechts. Einen Schwerpunkt bildet die Vorstellung des Verbots wettbewerbsbeschränkender Vereinbarungen gemäß Art. 101 AEUV und § 1 GWB und die Möglichkeit der Freistellung vom Kartellverbot. Behandelt werden außerdem die verschiedenen kartellverwaltungs-, bußgeld-, straf- und vor allem privatrechtlichen Sanktionen von Verstößen gegen das Wettbewerbsrecht.		
Intended learning outcomes		
German intended learning outcomes available but not translated yet.  Die Studierenden haben grundlegende Kenntnisse des europäischen und deutschen Kartellrechts erworben. Sie können wettbewerbsbeschränkende Vereinbarungen als solche identifizieren und in den Regelungsrahmen des deutschen und europäischen Kartellrechts einordnen.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 120 minutes) or b) oral examination (approx. 15 minutes) Assessment offered: Usually once a year, winter semester		
Allocation of places		
max. 10 places. There are no restrictions with regard to available places for students of the degree programme Rechtswissenschaft (Law) pursuing the degree Erste Juristische Staatsprüfung (first state examination in law) as well as Bachelor's students with the minor Privatrecht (Private Law). A total of 10 places will be allocated to students of the Master's degree programme International Economic Policy and of the Master's degree programme Management. Should there be more than 10 applications, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
--		
Workload		
90 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor's degree (1 major, 1 minor) Private Law (Minor, 2018) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 662 / 1020

Bachelor's degree (1 major, 1 minor) Private Law (Minor, 2019)  
Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
European and German Competition Law II			02-N-P-W21-182-m01
Module coordinator		Module offered by	
Dean of Studies Faculty of Law		Faculty of Law	
ECTS	Method of grading	Only after succ. compl. of module(s)	
3	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
--			
Intended learning outcomes			
--			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 120 minutes) or b) oral examination (approx. 15 minutes) Assessment offered: Usually once a year, summer semester			
Allocation of places			
max. 10 places. There are no restrictions with regard to available places for students of the degree programme Rechtswissenschaft (Law) pursuing the degree Erste Juristische Staatsprüfung (first state examination in law) as well as Bachelor's students with the minor Privatrecht (Private Law). A total of 10 places will be allocated to students of the Master's degree programme International Economic Policy and of the Master's degree programme Management. Should there be more than 10 applications, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
--			
Workload			
90 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Bachelor's degree (1 major, 1 minor) Private Law (Minor, 2018) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Bachelor's degree (1 major, 1 minor) Private Law (Minor, 2019) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)			

# **Applied Economic Policy**

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Advanced Labour Economics		12-M-OEA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course provides an overview of the field of modern labor economics. The course will cover the following topics:</p> <ol style="list-style-type: none"> <li>1. Labor supply</li> <li>2. Labor demand</li> <li>3. Human capital formation</li> <li>4. Compensating wage differentials</li> <li>5. Discrimination</li> </ol> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics. Students are expected to read the scientific articles in advance and will be asked to discuss them in small groups during class. In addition, a discussion of the articles will help illustrating how established scholars approach the core questions in modern labor economics and giving students an understanding of high quality empirical research.</p> <p>The main reference for the lecture is Cahuc and Zylberberg. (2004): "Labor Economics", 1st edition, Massachusetts Institute of Technology. In addition, we will discuss well-published economic articles related to the single topics discussed in class.</p>		
Intended learning outcomes		
<p>The aim of this course is to acquaint students with classical as well as modern topics in labor economics and to encourage the development of research interest in this field. As such, the course's objective is to familiarize students with both the core theoretical models of labor economics as well as the main econometric methods used to provide empirical evidence.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Policy Evaluation Methods		12-M-PEM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This course offers an introduction to the fundamentals of causal inference and to widely used research designs in the social sciences. In the first part a framework for understanding causality is introduced. Specifically, the epistemological differences between association, intervention and counterfactuals are explained. Then it is shown why experiments are paramount in generating causal knowledge and which assumptions are needed for which level of the causal hierarchy. Finally, we will discuss two widely used approaches to causality in the social sciences, i.e. potential outcomes and directed acyclic graphs.</p> <p>The second part is devoted to the research designs regressions analysis, difference-in-differences, instrumental variables, and regression discontinuity. The emphasis is how these research designs are for example applied to answer important questions in labour economics such as the effects of a minimum wage increase on employment or the effect of children on female labour supply and wages.</p> <p>The assumptions each research design requires in order to identify a causal effect will be at center stage of the lecture. Therefore the emphasis is to teach students <i>what</i> one needs to estimate in order to answer a given question. Further, the research designs are discussed such that students will be able to evaluate and apply these research designs to other questions and fields.</p>		
<b>Intended learning outcomes</b>		
At the end of the course, students should be able to understand basic concepts and methods of causal inference, as well as read, interpret, and assess the credibility of scientific publications. In addition, the course serves as preparation for advanced statistics and econometrics courses.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 669 / 1020



Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Social Science Sustainability Studies (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Design of Field Experiments and Studies		12-M-DFES-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Topics in Human Capital Development		12-M-THC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p> <p>Master's degree (1 major) Economathematics (2022)</p>		
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exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Migration		12-M-TIM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Migration has become a key issue in the political and public debate all over the world. Thus, economists increasingly engaged in studying determinants and consequences of migration as it has a substantial impact on receiving and sending countries. This course offers an introduction to the key concepts of migration economics and will cover the following topics:</p> <ol style="list-style-type: none"> <li>1) Migration Decision and Forms of Migration</li> <li>2) Effects on Migration on Employment and Wages</li> <li>3) Effects of Migration on Attitudes and Political Economy</li> <li>4) Integration and Integration Policies</li> <li>5) Refugee Migration</li> <li>6) Impacts of Emigration</li> </ol> <p>At the end of the course students are familiar with the basic theoretical and empirical concepts in the area of economics of migration. A special focus will be on the understanding of the identification of causal effects and the ability to connect links between the different areas of analysis.</p> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics (a reading list will be provided at the beginning of the semester).</p>		
Intended learning outcomes		
Solid knowledge of microeconomics and econometrics is reinforced. At the end of the semester, students will have the opportunity to present their term papers.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Social Science Sustainability Studies (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Experimental Economics</b>		12-M-EE-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p><b>Aim and outline of the course:</b></p> <p>The Nobel Prizes for Daniel Kahneman and Vernon Smith 2002 and for Richard Thaler 2017 have underlined the increasing importance of experimental methods in economics. Experimental methods are used to collect data using randomization or a highly controlled environment. This course offers an introduction to the methodology of experimental economics and economic laboratory experiments.</p> <p>In the methodology part it is shown why experiments are a good tool to generate scientific knowledge. Furthermore, widely used techniques in economic experiments are explained and how economic experiments differ from experiments in other social sciences. This part also deals with methods of reasoning, i.e. how inferences can be drawn from evidence that is generated by experiments.</p> <p>The unifying theme of all laboratory experiments that will be covered is, understanding the behavior of agents, who produce and/or distribute goods by interacting with each other. The first topic is about markets and it includes experiments that shown under which conditions and institutions markets work very efficient and under which conditions and institutions they fail to yield a desirable outcome. The second topic includes experiments that look at the behavior of two agents, who bargain about the distribution of a common pie. On the basis of these results we will discuss experiments that try to explain bargaining behavior and show how agents deviate systematically from the neoclassical framework, i.e. the "homo oeconomicus". The third topic deals with cooperation and institutions that support cooperation in the long run as equilibrium. Further, systematic evidence will be presented on how individuals can be classified in different cooperative types and how these types can explain economic outcomes in natural environments. The forth topic concerns reciprocity, a strong determining factor of human behavior that is nearly universal. We will cover experiments that show how reciprocity can enforce relational contracts in the absence of third party enforcement. Moreover, there will be a special emphasis on how reciprocity affects labor markets.</p> <p>When time permits up to two additional topics will be covered. The first topic is about gender differences in competitiveness, risk-aversion and overconfidence. The second topic is about the elicitation of social norms.</p> <p><b>Prerequisites:</b> Participants should have a basic knowledge about microeconomics, game theory and econometrics.</p> <p><b>Literature:</b></p> <p>The course will be mainly paper based but the following books provide a good overview and complement the discussed papers.</p> <ul style="list-style-type: none"> <li>• Dharni, S. (2016). The Foundations of Behavioral Economic Analysis. Oxford University Press.</li> <li>• Guala, F. (2005). The Methodology of Experimental Economics. Cambridge University Press</li> </ul> <p>In addition lecture slides will be provided.</p> <p><b>Grading:</b> Grading will be based on a presentation and a term paper.</p>		



### Intended learning outcomes

The aim of the course is to familiarize students with the methodology experimental economics. Further, students will be enabled to understand how causal evidence can be obtained using controlled variation and how to generalize from results that are derived in artificial laboratory setting to more natural environments. Moreover, the course shall deepen students' understanding of human decision making in multi-agent settings and to make them aware of systematic heterogeneous human behavior in the production and distribution of goods.

### Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Assessment offered: In the semester in which the course is offered

Language of assessment: English

creditable for bonus

### Allocation of places

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### Additional information

Research track module in Master's programme IEP

### Workload

150 h

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: German (winter semester), English (summer semester)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: German and/or English		
creditable for bonus		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Advanced Computational Economics		12-M-NGM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This course will mostly be concerned with the analysis of public policy (in areas such as taxation, social security etc.). Providing students with state-of-the-art techniques for quantitative macroeconomic research in this very field and familiarising them with the relevant literature, this course will teach students how such policies redistribute between different generations and also within generations, how they may improve risk sharing when markets are incomplete and how they can trigger distortions and therefore hurt the aggregate economy.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Programming with FORTRAN and application of numerical methods</li> <li>2. Solution techniques for dynamic programming problems</li> <li>3. Policy analysis with stochastic growth and life cycle models</li> </ol> <p>Reading:</p> <p>Lecture notes will be provided.</p>		
Intended learning outcomes		
<p>After completing the course "Advanced Computational EconomicsI" students will be able to</p> <ul style="list-style-type: none"> <li>(i) edit and solve stochastic economic problems using advanced numerical techniques;</li> <li>(ii) implement small scale economic models on the computer;</li> <li>(iii) simulate tax and social security policy reforms and interpret the quantitative results in economic term.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: English		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
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Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

## **Public Finance**

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title		Abbreviation
Policy of Taxation		12-M-F1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In this module, students will acquire a basic understanding of the tax system and structure applied to households in Germany. In addition, the course will include simple tax incidence analyses of specific tax policies. Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Fiscal harmonisation system in Germany</li> <li>2. Mechanics and problems of the VAT system</li> <li>3. Tax incidence analysis</li> <li>4. Income tax code</li> <li>5. Taxation of married couples and families</li> <li>6. Taxation and household decisions</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Tax Policy" students know the most important tax revenues in Germany and how they are divided between the Federation and the federal provinces. They are able to explain the incidence of specific taxes using simple case studies. Finally they can discuss tax induced distortions of individual decisions using simple partial equilibrium models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Social Insurance and the Welfare State		12-M-F3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module discusses the economic justification for implementing social security systems in a market economy and provides students with deeper insights into this topic with the help of specific issues of public health and retirement policy.</p> <p>Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Public intervention in insurance markets</li> <li>2. The insurance function of social security</li> <li>3. Social security and social morale</li> <li>4. The optimal health insurance contract</li> <li>5. Why do we need a public pension system?</li> <li>6. Funding vs pay-as-you-go financing of public pensions</li> </ol>		
Intended learning outcomes		
<p>After completing the module "Theorie der Sozialversicherung" students are able to explain the theoretical foundation of the social security system in a market economy. Using simple partial equilibrium models they can discuss the financing and contract structure of the public health and pension system. Finally they are able to analyze the consequences of policy reforms.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 687 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Public Debt		12-M-F2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description: The module provides an introduction to some specific issues of public debt that are in the focus of the public and scientific debate. Reading: lecture notes provided by Chair. Outline of syllabus: 1. Measurement of public debt 2. Growth effects of public debt 3. Intergenerational effects of public debt 4. Public debt in open economies 5. Neutrality of public debt 6. Political economy of public debt 7. Theory of sovereign debtors</p>		
<b>Intended learning outcomes</b>		
<p>After completing the course "National Debt" students are able to distinguish and discuss the most important measurement concepts and problems of public debt. They can discuss the growth and distributional consequences using simple equilibrium models of closed and open economies. They can evaluate the relevance of Ricardian neutrality and know the political economy explanations of rising debt levels and debt overhangs in specific countries.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 690 / 1020

Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Optimal Tax Theory		12-M-F4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>The course will discuss the design of an optimal tax system. First, students will learn what criteria have to be met for a tax system to be optimal. Lectures will introduce key rules for taxing commodities as well as income and capital.</p> <p>Examining specific taxation issues such as eco-tax, family taxation and the taxation of international enterprises, students will then gain more in-depth insights into these rules.</p> <p>Reading: Lecture notes will be provided.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Optimal commodity taxation</li> <li>2. Optimal income taxation</li> <li>3. Optimal taxation of families</li> <li>4. International tax competition</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing this module students have a basic understanding of what is meant with "optimal taxation". They are able to apply this concept to specific normative questions of tax policy in practice. Students also learn to prepare and present short papers, where they discuss specific normative policy issues in groups.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 692 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
European Public Finance		12-M-EFP-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course aims at introducing the main public finance issues in the European Union. Students will learn how the revenues of the Union are generated and how they are spent. We will discuss the motivation and implications of the Brexit decision and various coordination problems with respect to public debt, taxation and environmental policy. Economic policy is discussed with simple models, which highlight the central problems.</p> <p>Course contents:</p> <ol style="list-style-type: none"> <li>1. The European Union: History and Institutions</li> <li>2. The Budget of the European Union</li> <li>3. Economic Analysis of the Brexit Process</li> <li>4. Sovereign Debt, Financial Crisis and Fiscal Integration in the EMU</li> <li>5. Tax Competition or Tax Coordination in Europe?</li> <li>6. European Climate Policy: Emission Trading and Green Deal</li> </ol>		
Intended learning outcomes		
After completing the course students are introduced to the central public finance policy issues, institutions and rules of conduct in the EU. They are able to apply simple theoretical models to to discuss and analyze more specific policy problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 694 / 1020

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Computational Economics		12-M-NGM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This course will mostly be concerned with the analysis of public policy (in areas such as taxation, social security etc.). Providing students with state-of-the-art techniques for quantitative macroeconomic research in this very field and familiarising them with the relevant literature, this course will teach students how such policies redistribute between different generations and also within generations, how they may improve risk sharing when markets are incomplete and how they can trigger distortions and therefore hurt the aggregate economy.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Programming with FORTRAN and application of numerical methods</li> <li>2. Solution techniques for dynamic programming problems</li> <li>3. Policy analysis with stochastic growth and life cycle models</li> </ol> <p>Reading:</p> <p>Lecture notes will be provided.</p>		
Intended learning outcomes		
<p>After completing the course "Advanced Computational EconomicsI" students will be able to</p> <ul style="list-style-type: none"> <li>(i) edit and solve stochastic economic problems using advanced numerical techniques;</li> <li>(ii) implement small scale economic models on the computer;</li> <li>(iii) simulate tax and social security policy reforms and interpret the quantitative results in economic term.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: English		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 696 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Policy Evaluation Methods		12-M-PEM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This course offers an introduction to the fundamentals of causal inference and to widely used research designs in the social sciences. In the first part a framework for understanding causality is introduced. Specifically, the epistemological differences between association, intervention and counterfactuals are explained. Then it is shown why experiments are paramount in generating causal knowledge and which assumptions are needed for which level of the causal hierarchy. Finally, we will discuss two widely used approaches to causality in the social sciences, i.e. potential outcomes and directed acyclic graphs.</p> <p>The second part is devoted to the research designs regressions analysis, difference-in-differences, instrumental variables, and regression discontinuity. The emphasis is how these research designs are for example applied to answer important questions in labour economics such as the effects of a minimum wage increase on employment or the effect of children on female labour supply and wages.</p> <p>The assumptions each research design requires in order to identify a causal effect will be at center stage of the lecture. Therefore the emphasis is to teach students <i>what</i> one needs to estimate in order to answer a given question. Further, the research designs are discussed such that students will be able to evaluate and apply these research designs to other questions and fields.</p>		
<b>Intended learning outcomes</b>		
At the end of the course, students should be able to understand basic concepts and methods of causal inference, as well as read, interpret, and assess the credibility of scientific publications. In addition, the course serves as preparation for advanced statistics and econometrics courses.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 698 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Social Science Sustainability Studies (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
International Taxation		12-M-IB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module discusses tax aspects (legal facts as well as economic effects) of cross-border business activities. Students become familiar with the principles of international taxation, relevant aspects of German income tax law, the function of double taxation treaties as well as recent developments of taxation within the European Union (mostly triggered by the Court of Justice of the European Union). The topics are introduced in the form of lectures. Complex case studies are used for an in-depth discussion of selected aspects.</p>		
Intended learning outcomes		
<p>After completion of the module students are able</p> <ul style="list-style-type: none"> <li>(i) to assess tax issues of cross-border business activities and develop structured solutions;</li> <li>(ii) to assess the economic effects of rules of international tax law on its own;</li> <li>(iii) systematically apply double tax treaties.</li> </ul> <p>The students have knowledge of the basics of international taxation and the German international tax law. They are able to judge and to analyze, using the relevant sources of law complex, case studies on the taxation of cross-border business activities independently and to develop design proposals for the solution.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages), presentation of term paper (approx. 20 minutes), weighted 3:2  Assessment offered: To be announced  Language of assessment: German and/or English  creditable for bonus</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Management (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 700 / 1020

Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



# Strategic Incentive Design

(20 ECTS credits)

## Core

(10 ECTS credits)

Module title			Abbreviation
Advanced Microeconomics			12-M-AM-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>In a nutshell, microeconomic theory considers the behavior of individual economic agents and builds from this foundation to a theory of aggregate economic outcomes, which then can be applied for conducting welfare analysis and giving policy advice. This lecture addresses the core building block of this thought complex: individual decision making and behavior. Specifically, students will come to understand in detail the standard models of riskless consumer choice, choice under risk and intertemporal choice and learn about the empirical challenges and limitations of these models.</p> <p>Throughout the lecture, we will work with precise mathematical formalizations of the ideas that we want to think and talk about. In consequence, a solid understanding of the mathematical toolbox of standard microeconomics (e.g., differential calculus and constrained optimization; basic set theory; integration by parts) will be helpful as it will allow to focus on the underlying economic intuition. However, every required mathematical concept will be introduced and explained along the way, such that a strong interest in formal economic analysis is more important than an advanced mathematical background.</p> <p>The exposition is primarily based on the standard graduate textbooks</p> <ul style="list-style-type: none"><li>• Mas-Colell, Whinston and Green (1995): “Microeconomic Theory”</li><li>• Jehle and Reny (2001): “Advanced Microeconomic Theory”</li></ul>			
Intended learning outcomes			
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"><li>• explain essential findings of microeconomic theory,</li><li>• apply the involved methods to given stylized examples on their own,</li><li>• recognize in which real life situations and how the results can be applied.</li></ul>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Contract Theory		12-M-CT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>During the 1960/70s, microeconomic theory came to acknowledge that many (if not most) economic transactions are characterized by asymmetric distribution of information – i.e., at least one of the parties participating in a transaction usually is privy to information that the remaining parties do not have access to. This asymmetric distribution of information subsequently was recognized to be a major impediment for transactions to be economically efficient. Contract theory addresses the question how the inefficiencies arising from asymmetric distribution of information can best be mitigated by appropriate design of the contractual (or, more generally, institutional) framework that governs the transaction under consideration. This lecture covers the baseline models of “moral hazard” (i.e., situations where one party has private knowledge after a contract has been signed) and “adverse selection” (i.e., situations where one party has private knowledge before a contract is signed). As applications we will address questions discussed in organizational, personnel or industrial economics, such as incentive design within organizations or the design of labor law regulations and competition laws.</p> <p>Even though we will work with precise mathematical formalizations of the ideas that we want to think and talk about, this course requires little more than a solid understanding of basic differential calculus. More important than having a solid mathematical background is having a strong interest in formal economic analysis and fun with logical thinking and puzzle solving.</p> <p>The exposition is primarily based on the following textbook:</p> <ul style="list-style-type: none"> <li>• Laffont and Martimort (2002): "The Theory of Incentives"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of contract theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• interpret the properties of real-life contracts as the outcome of the interaction between two or more contracting parties in the presence of asymmetric information,</li> <li>• evaluate government interventions with regard to their effect on the efficiency properties of the interaction between the contracting parties.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

## Core Electives

(10 ECTS credits)

Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		



The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Behavioral Economics		12-M-BEC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Behavioral economics refers to the field of research which, inspired by numerous documented deviations from the rational behavior assumed in neoclassical analysis, tries to improve the psychological realism of the idea of man in economics by incorporating insights from psychology into traditional economic analysis. In this course students will become familiar with several of the most influential behavioral-economic theories of individual decision making, which allows to explain a plethora of empirically documented deviations from the neoclassical model. These behavioral-economic theories usually contain the neoclassical standard model as special case and therefore are to be considered as an extensions of rather than alternatives to the neoclassical model. While the focus of this lecture is on theories of individual decision making, we will explore the implications of these theories also in the context of market settings.</p> <p>As behavioral economics represents an extension of the neoclassical model, a solid understanding of the latter is required for this course. In consequence, the course is intended in particular for advanced students who completed the class "Advanced Microeconomics".</p> <p>While the exposition is primarily based on research articles, some topics of the lecture can be reviewed in the following textbooks:</p> <ul style="list-style-type: none"> <li>• Dahmi (2016): "The Foundations of Behavioral Economic Analysis"</li> <li>• Angner (2012): "A Course in Behavioral Economics"</li> <li>• Wilkinson and Klaes (2012): "An Introduction to Behavioral Economics"</li> <li>• Wakker (2010): "Prospect Theory for Risk and Ambiguity"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of behavioral economic theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• recognize in which real life situations and how the results can be applied.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 715 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Optimal Tax Theory		12-M-F4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>The course will discuss the design of an optimal tax system. First, students will learn what criteria have to be met for a tax system to be optimal. Lectures will introduce key rules for taxing commodities as well as income and capital.</p> <p>Examining specific taxation issues such as eco-tax, family taxation and the taxation of international enterprises, students will then gain more in-depth insights into these rules.</p> <p>Reading: Lecture notes will be provided.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Optimal commodity taxation</li> <li>2. Optimal income taxation</li> <li>3. Optimal taxation of families</li> <li>4. International tax competition</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing this module students have a basic understanding of what is meant with "optimal taxation". They are able to apply this concept to specific normative questions of tax policy in practice. Students also learn to prepare and present short papers, where they discuss specific normative policy issues in groups.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 717 / 1020



Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Competition Policy		12-M-WPE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: <ul style="list-style-type: none"> <li>• repeated games and factors affecting likelihood of collusion</li> </ul> </li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol> <p>The course will be taught in English.</p>		
Intended learning outcomes		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 719 / 1020

<b>Additional information</b>
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)

## **Compulsory core electives 3: Seminars**

(10 ECTS credits)

Module title		Abbreviation
<b>Advanced Seminar: Marketing Strategy</b>		12-M-MSS-161-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured paper and to present the results of their work with the help of relevant topics in the fields of strategic marketing and strategic management.</p> <p>Reading: will vary according to topic</p>		
Intended learning outcomes		
<p>After completing the course "Marketing Strategie", students will be able to</p> <ol style="list-style-type: none"> <li>1. understand the fundamentals of scientific literature reviews;</li> <li>2. integrate elaborated content in a scientific thesis;</li> <li>3. create presentations independently.</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English</p>		
Allocation of places		
<p>10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 722 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Industrial Management</b>		12-M-SI-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In the seminar, students will write seminar papers on selected topics in the field of industrial management. The central issues and findings of these papers will have to be presented in class.		
<b>Intended learning outcomes</b>		
The students have acquired in-depth knowledge in key application areas of industrial management and learned by taking care of the seminar to deepen their knowledge for making scientific work, to research literature necessary, to filter, to evaluate, to critically analyze and to ask each other. On this basis, and, where appropriate, with introduction of own scientifically based further developments, the participants will learn to prepare a written contribution to the topic of Industrial Management, which complies with the principles of scientific work. Through the lecture, students learn to present selected content of their housework in a suitable form and a pre-determined time frame and to defend the findings in the course of a critical, scientific discussion.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 or b) term paper (approx. 15 to 20 pages) and presentation (approx. 45 minutes), weighted 1:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 724 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
<b>Advanced Seminar: Financial Accounting and Auditing</b>		12-M-SER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module provides students with more in-depth insights into current problems of external accounting and auditing, usually using scientific primary literature in English or German language.		
<b>Intended learning outcomes</b>		
After completion of the module, participants have (i) consolidated the learned issues and possibly applied additional techniques of scientific work; (ii) created and defended a qualifying level relevant scientific work; (iii) conducted a scientific examination of the work results of other seminar participants; (iv) the ability to present and develop solution-oriented their own performance adequately considering communicative aspects.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) + S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
<b>Allocation of places</b>		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 726 / 1020

Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Seminar: Corporate Finance		12-M-SBL-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This seminar deals with current topics in investment and finance. Students are required to independently analyze a selected topic and to write a seminar thesis. Moreover, they are required to present, discuss and defend their thesis. The seminar may be largely literature based or empirical or may be based on independent work with formal models.		
<b>Intended learning outcomes</b>		
Students will gain in-depth knowledge in recent application areas of investment and finance. They are able to transport their knowledge in a written seminar thesis, and to present and defend it in a final talk.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 728 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Selected Problems in Analytical Tax Research</b>		12-M-SSL-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In this seminar, current problems of tax research will be analysed. Usually, students will read and discuss research papers in German and/or English language. Although the seminar will be held in German, individual seminar papers may be written and discussed in English if a participant prefers this to German.		
<b>Intended learning outcomes</b>		
After the seminar, students are able <ul style="list-style-type: none"> <li>• to analyze a complex issue in taxation using research methods,</li> <li>• to identify problems and to suggest solutions,</li> <li>• to formulate and to defend their analysis and suggested solutions.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 730 / 1020

Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Seminar: Enterprise Systems			12-M-ES-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the fields of information systems and enterprise systems.			
Reading: will vary according to topic			
Intended learning outcomes			
After completing the course "Enterprise Systems", students will be able to			
1. understand the fundamentals of scientific literature reviews;			
2. integrate elaborated content in a scientific thesis;			
3. create presentations independently.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1			
Language of assessment: German and/or English			
Allocation of places			
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Economathematics (2016)			
Master's degree (1 major) Business Information Systems (2016)			
Master's degree (1 major) Business Management (2015)			
Master's degree (1 major) China Business and Economics (2016)			
Master's degree (1 major) International Economic Policy (2015)			
Master's degree (1 major) China Language and Economy (2016)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 732 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
Advanced Seminar: Topics in Personnel Economics and Organizational Theory			12-M-SPO-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Students will write a seminar paper on, deliver a talk on and discuss current issues in the field of human re- sources management and organisation.			
Intended learning outcomes			
The students learn to handle, write in own words, present, and discuss current research literature in the area hu- man resource management and organisation.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 pages) and presentation with sub-presentation including discussion (approx. 50 minu- tes), weighted 1:1 Language of assessment: German and/or English			
Allocation of places			
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allo- cated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 734 / 1020

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Entrepreneurship and Management</b>		12-M-SAS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Students develop seminar papers on varying topics in the domain of entrepreneurship, strategy, and innovation and present the key insights from their work.		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Enable students to position their research</li> <li>• Enable students to critically review a substantial body of literature in short time</li> <li>• Enable students to develop a sound theoretical framework</li> <li>• Enable students to create a research paper fully meeting academic standards</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate their research from previous work</li> <li>• Adopt theoretical perspectives to understand complex phenomena</li> <li>• Engage in comprehensive academic reasoning</li> <li>• Articulate abstract and complex phenomena and relationships in written and oral form</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1</p> <p>Assessment offered: Once a year, winter semester</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 736 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Seminar: Selected Aspects of Managerial Accounting			12-M-AUAS-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured paper and to present the results of their work by means of relevant topics in the field of managerial accounting.			
Intended learning outcomes			
After completion of the seminar, students will be able to answer complex questions from the field of managerial accounting at a scientific level. They are able to conduct scientific literature research in a targeted manner and understand its contents as well as apply further scientific methods to answer questions, integrate acquired results into scientific papers and, building on this, independently prepare presentations and lectures.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English creditable for bonus			
Allocation of places			
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 738 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Business Analytics		12-M-BUA-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the field of business management decision models and methods and their application in the development of decision-support systems as well as analytical information systems and quantitative methods of data analysis.</p> <p>Students work on current topics using methods from machine learning, mathematical optimization and simulation.</p>		
<b>Intended learning outcomes</b>		
<p>The module provides students with knowledge of:</p> <ul style="list-style-type: none"> <li>• Scientific literature</li> <li>• Implementation of methods in code</li> <li>• Integration of developed results in scientific papers</li> <li>• Creating presentations and lectures</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1  Assessment offered: Once a year, winter semester  Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Economathematics (2016)  Master's degree (1 major) Business Information Systems (2016)  Master's degree (1 major) Business Management (2015)  Master's degree (1 major) China Business and Economics (2016)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 740 / 1020

Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)



Module title			Abbreviation
Seminar: Logistics & Supply Chain Management			12-M-LSCM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Quantitative planning approaches are particularly valuable for designing logistics systems and supply chains. They support decision makers in taking important strategic, tactical, and operational decisions by providing well-founded and relevant information. Many of these decisions have significant impact on the competitiveness of companies because they considerably influence today's as well as tomorrow's costs and revenues. The adoption of quantitative planning methods has been strongly supported by the development of information and communication systems: Advanced tools are available at low costs, versatile methods to model and solve planning problems have been integrated in standard software, the user friendliness has improved, and last but not least: the access to necessary data has substantially progressed (i.e. through ERP systems).			
Intended learning outcomes			
The main objective of this seminar is to familiarize participants with diverse quantitative planning problems and potential solutions. Planning procedures are applied to solve real problems in companies. Participants in this seminar learn about actual planning problems in Logistics and Supply Chain Management; they analyze and understand how companies address these problems.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English			
Allocation of places			
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Economathematics (2016)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 742 / 1020

Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Seminar: Supply Chain Competition</b>		12-M-SCC-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In the seminar "Supply Chain Competition", students participate in an online multi-round simulation and apply methods of operations and supply chain management.		
Intended learning outcomes		
After completing this seminar students  i. selected and applied quantitative models for procurement, production, sales and supply chain management, ii. faced the practical problems when using real data to feed models, iii. and understand the challenges to reach a coordinated decision in a company.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 to 20 pages) and presentation (approx. 10 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
12 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 744 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Philosophy of Science and Ethics in Business Management and Economics		12-M-WEW-182-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module will take the form of a seminar. Participants will independently work on a problem in economic policy or will review an important publication on a topic in economics.		
<b>Intended learning outcomes</b>		
Students are able to present the status of a current project in a talk as well as to discuss and defend it.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		

Module title			Abbreviation
Economic and Business Ethics			12-M-WUE-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
In this seminar, students will gain an overview of different ethical aspects in business and economy, e. g. leadership ethics, corruption, ethical theories, consumer ethics, CSR.			
Intended learning outcomes			
Using common scientific methods the student should be able to write a seminar paper dealing with a selected ethical problem in business and/or economy. He/she should be able to present a complex problem in a clear and understandable way and he/she should discuss the arguments with other participants in the class.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English			
Allocation of places			
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Econometrics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 747 / 1020

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Practical Seminar: Economic Journalism		12-M-SWJ-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Students will acquire an in-depth insight into the practical side of economics journalism. They must complete their placements at company or other institution at which they will have an opportunity to gain an in-depth knowledge of economics journalism. Students will be required to prepare a practical report on the placement module as well as to submit proof of regular attendance and participation. In addition, a certificate issued by the placement company is to be submitted.		
<b>Intended learning outcomes</b>		
The module strengthens practical competences and encourages work experiences. So it prepares for the career start in economics journalism.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio on observation visit, including work samples (approx 40 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)		



Module title		Abbreviation
Project Modul: Journalism in Economic Policy		12-M-WPJ-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Economic journalism is often regarded as unwieldy, but the reporting usually revolves around content that many media users can relate to: The focus is on market developments and (economic) political conditions. How can these topics be presented in a way that is clear, easy to understand, and yet as precise as possible? What makes for good economic reporting? What research options and forms of presentation are available? Such questions will first be answered using examples from various media. Subsequently, the students will work on the main topic themselves. The seminar is thematically oriented towards current research projects/projects of the Chair of Business Journalism and Business Communication and can therefore vary thematically per semester.		
<b>Intended learning outcomes</b>		
Students learn the terminology, topics, and framework of economic journalism. After completing the seminar, they will have an overview of selected areas of application. They master the research and the different forms of presentation of economic journalism. The students learn scientific methods to break down complex economic topics in reporting. After completing the seminar, students are able to independently examine journalistic products in response to previously generated research questions and thus evaluate journalistic work. Therefore, students acquire subject as well as specific methodological competencies in this seminar.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 750 / 1020

Master's degree (1 major) Media Communication (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 Master's degree (1 major) Media Entertainment (2022)  
 Master's degree (1 major) Psychology of digital media (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Project: Selected Topics in Business Management and Economics I			12-M-APS-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 752 / 1020

Master's degree (1 major) Management (2022)

Master's degree (1 major) Economathematics (2022)

Module title			Abbreviation
Project: Selected Topics in Business Management and Economics II			12-M-APS2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018)			
Master's degree (1 major) International Economic Policy (2018)			
Master's degree (1 major) China Business and Economics (2019)			
Master's degree (1 major) China Language and Economy (2019)			
Master's degree (1 major) China Business and Economics (2021)			
Master's degree (1 major) China Language and Economy (2021)			
Master's degree (1 major) Economathematics (2021)			
Master's degree (1 major) International Economic Policy (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 754 / 1020

Master's degree (1 major) Management (2022)

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Advanced Seminar: Monetary policy		12-M-SV1-161-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Gaining a more in-depth understanding of specific problems of macroeconomics and, in particular, monetary policy.</p> <p>Format of the module: seminar</p> <p>Prerequisites: Basic knowledge of macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the seminar</p> <p>ECTS and grading: 10 ECTS, Grading on a scale from 1-5 based on a seminar presentation and a seminar paper</p> <p>Frequency of the module: Each term</p> <p>Workload: 300 hours</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students are able to independently investigate and classify scientific publications on their relevance to a given theme. In addition, they are able to present the results orally and in writing by conventional scientific standards.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
Allocation of places		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 756 / 1020

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)



Module title		Abbreviation
Seminar: International Economics		12-M-SIÖ-161-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Current topics in International economics [e.g. Outsourcing, Offshoring and Multinational Firms; Competition of Locations, Jurisdictions and Systems; Globalization and the Environment; Trade, Multinational Firms and Labor Markets; Triumph of the City]		
Literature: Peer-reviewed articles and/or monographs.		
<b>Intended learning outcomes</b>		
Drawing on current cutting-edge research, students are enabled to analyze current research questions and to learn and apply research methods. The seminar style of the course teaches them to present their own seminar papers and research both in written and in oral form. Students are enabled to critically analyze and discuss the work of their peers.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 pages) and presentation (approx. 40 minutes) with position paper (1 page), weighted 3:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 758 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Advanced Seminar: Industrial Organization		12-M-SIO-161-mo1
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This course covers selected advanced topics from the field of industrial economics. Students, with the help of their advisor, will choose a topic and formulate a research question. Then they are expected to conduct research and write a paper on this research question. At the end of the semester the students will present their findings orally to an audience.		
<b>Intended learning outcomes</b>		
After completing the course "Seminar: Industrieökonomik", students will be able to 1. perform a survey of the scientific literature on a given topic; 2. critically assess the economic models and their findings in the literature; 3. describe the economic mechanisms underlying important economic observations; 4. suggest future research directions; 5. present their findings to an audience.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 760 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Seminar: Labour Economics		12-M-SWOSP-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This seminar targets any students interested in acquiring the skills to conduct an empirical study to understand people's social behavior and social preferences. We will read and discuss scientific methodological papers that allow students to acquire the necessary empirical tools to conduct an empirical thesis.</p> <p>The recurring topic will be related to the origins of social cohesion and social preferences, the role of the family and the school in shaping children's social behavior and preferences.</p>		
<b>Intended learning outcomes</b>		
<p>This seminar is designed to acquire the skills to write a master thesis at the Chair of Labour Economics. It focuses on the acquisition of empirical tools - mostly related to experimental empirical tools - in order to understand the determinants of social behavior and preferences.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
<p>10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 762 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Seminar: Public Finance		12-M-SV5-161-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Gaining a more in-depth understanding of specific problems discussed in lectures on public finance using scientific economic journal articles in German and English language.		
Intended learning outcomes		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare better for the processing of the master's thesis.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Econometrics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 764 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
Advanced Seminar: Econometrics			12-M-SOE-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This module will take the form of a seminar and will cover advanced topics in econometrics. Students will be required to independently familiarise themselves with the respective topics and to present the results of their work both in a seminar paper and orally during a seminar session.			
Intended learning outcomes			
Students are able to analyze independently academic publications on their relevance for a given theme. They can present the results orally and in writing by conventional scientific standards.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 15 pages) and presentation (approx. 25 minutes), weighted 2:1 Language of assessment: German and/or English			
Allocation of places			
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 766 / 1020

Module title		Abbreviation
<b>Seminar: Macroeconomics and Quantitative Economic Research</b>		12-M-MEW-161-m01
Module coordinator		Module offered by
Head of the Work Group of Empirical Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This course will provide students with a more in-depth understanding of specific problems of macroeconomics and quantitative economic research. A current list of topics, from which students may select one, is available on my website.		
<b>Intended learning outcomes</b>		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare beter for the processing of the master's thesis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 767 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: Strategic Incentive Design		12-M-ATC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module covers varying classical or recent topics from microeconomics, usually with a focus on decision theory, contract theory or behavioral economics. As a solid understanding of the corresponding basics will be helpful, the course is intended in particular for advanced students who completed the classes "Advanced Microeconomics" and "Contract Theory".		
<b>Intended learning outcomes</b>		
After completing the course students will have gathered experience in <ul style="list-style-type: none"> <li>• reading and understanding theoretical or experimental research articles,</li> <li>• critically analyzing and discussing the results of research articles,</li> <li>• relating the results of different research articles to each other,</li> <li>• conveying their insights both verbally and in writing in accordance with common scientific standards.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 769 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Seminar: E-Business Strategies</b>		12-M-SEBS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the fields of web-based platforms (electronic markets, Web 2.0 etc.) and strategic management of a company.		
Intended learning outcomes		
<ul style="list-style-type: none"> <li>- Academic literature review</li> <li>- Integration of developed results in scientific papers</li> <li>- Creating presentations and talks</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) Information Systems (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Seminar: Topics in Economics and Ethics of Artificial Intelligence</b>		12-M-TEE-231-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 30 minutes); weighted 60:40 Language of assessment: English		
Allocation of places		
20 *WA1 (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)		



## **Compulsory core electives 4: Electives**

(20 ECTS credits)

Module title		Abbreviation
International Marketing		12-M-IMM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Marketing		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module builds on the knowledge acquired during the Bachelor's degree programme or the <i>Grundstudium</i> (stage I studies). It provides a systematic introduction to strategic marketing decisions in global and international contexts. These are explained mainly by Porter's diamond and cluster models. Another focus is on internationalisation strategies, which require country analyses and decisions on the selection of national markets as well as a timing of the countries market development. In addition, the module discusses different strategies for market entry and market development.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Internationalisation of the economy and regional integration processes <ul style="list-style-type: none"> <li>• Globalisation</li> <li>• Competitiveness of countries, industries and companies in an international context</li> </ul> </li> <li>2. International strategic marketing decisions <ul style="list-style-type: none"> <li>• Market entry forms</li> <li>• Market development strategies</li> <li>• Timing strategies</li> <li>• International organisation structures</li> </ul> </li> <li>3. Theories and strategies of internationalisation <ul style="list-style-type: none"> <li>• Foreign trade theory</li> <li>• Multinational enterprise</li> <li>• Internationalisation strategies</li> </ul> </li> </ol> <p>Reading:</p> <p>Meffert, H. / Burmann C. / Becker, C.: Internationales Marketing-Management, Stuttgart etc. (most recent edition).</p> <p>Berndt, R. / Fantapié-Altobelli C. / Sander M.: Internationales Marketing-Management, Berlin etc. (most recent edition).</p>		
Intended learning outcomes		
Students acquire in-depth skills in the field of strategic and operational management with particular attention to the international context. Students achieve particular expertise in the analysis, assessment and implementation of international business decisions and gain skills thus guiding the execution of marketing and management positions in globally-active companies.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Econometrics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 1		12-M-SBM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course addresses central issues of strategic supply management. The supply function of the company (purchasing, materials management, procurement logistics) and its strategic importance is analysed and basic methods are developed that are relevant in this area.		
Intended learning outcomes		
Students learn the principles of performance-oriented optimization of all procurement activities to develop long-term, competitively sensitive potential for success. After completion of the module students are able to prepare structured, to goal-oriented analyze and to respond to performance-oriented issues of strategic procurement based on key instruments. Students are able to accurately classify the tasks of the procurement and to describe and discuss their strategic importance and dominate essential methods and procedures used in this area to apply.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019)		
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Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 2		12-M-LA-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module analyses and classifies approaches of production planning and control. In addition, it develops methods and models of lot sizing and scheduling. The focus is on the determination of optimal production and transport volumes as well as the planning of orders and manufacturing orders.		
Intended learning outcomes		
Students learn essential concepts, principles and methods of production planning and control with emphasis on the determination of optimal production and transport volumes as well as the planning of production and order sequences. Then, based on this expertise related knowledge broadening and deepening, essential competencies are conveyed, which allow the imaging of realistic situations and problems using mathematical and quantitative models for the derivation and assessment of alternative courses of action. After completion of the module students can answer, analyze and structure questions of production planning and control, goal-oriented. They can also arrange the planning areas in the overall business context and have an in-depth overview of the production planning and control.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: might also be offered as eLearning, seminary, workshop, etc.		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 779 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Industrial Management 3		12-M-SPM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module will discuss contents and procedures of strategic production management and, in particular, planning and control concepts.</p> <p>Students will become familiar with the essentials of strategic production management. Theoretical and analytical models will be used for analysing both economic and ecological issues. In addition, the module will discuss principles of value structure optimisation and will develop competences regarding the development of integrated mathematical models.</p>		
Intended learning outcomes		
<p>After completion of the module students are able to process, to analyze and answer questions of operations strategy structured and goal-oriented in a global context using appropriate methods. Furthermore, they know the main strategic tasks and objectives in production management and evaluate and apply planning and control concepts for the production in realistic application situations.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Course type: might also be offered as eLearning, seminary, workshop, etc.</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) entirely or partly computerised written examination (approx. 60 minutes) or e) portfolio (approx 20 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
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Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Value Management		12-M-GVM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this course, students will explore selected issues of procurement, production and logistics management.		
Intended learning outcomes		
In addition to the necessary expertise in the management of global value networks, in this seminar (inter-) disciplinary and social competences are taught, because these from procurement, production and logistics management at least partially independent capabilities provide a not important success factor of a successful (global and usually intercultural) cooperation to deal with the complex problems of the global value management.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Course type: alternatively eLearning, S, WS		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered and in the subsequent semester Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 783 / 1020

Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title		Abbreviation
Advanced Seminar: Industrial Management		12-M-SI-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Industrial Management		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In the seminar, students will write seminar papers on selected topics in the field of industrial management. The central issues and findings of these papers will have to be presented in class.		
<b>Intended learning outcomes</b>		
The students have acquired in-depth knowledge in key application areas of industrial management and learned by taking care of the seminar to deepen their knowledge for making scientific work, to research literature necessary, to filter, to evaluate, to critically analyze and to ask each other. On this basis, and, where appropriate, with introduction of own scientifically based further developments, the participants will learn to prepare a written contribution to the topic of Industrial Management, which complies with the principles of scientific work. Through the lecture, students learn to present selected content of their housework in a suitable form and a pre-determined time frame and to defend the findings in the course of a critical, scientific discussion.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 or b) term paper (approx. 15 to 20 pages) and presentation (approx. 45 minutes), weighted 1:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 785 / 1020

Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Financial Statement Analysis and Business Valuation		12-M-UA-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Fundamental investing involves valuation, and much of the information for valuation is contained in financial statements. This module provides a basic understanding of financial statement analysis, particularly on how to extract value-relevant information from financial statements, carry out financial statement analysis, and use financial data to value corporations. The module also provides the necessary tools to gain insights into what generates value in a corporation.		
<b>Intended learning outcomes</b>		
Students can understand publicly traded companies' financial statements (US GAAP/IFRS), identify value-relevant information in financial statements, and use this information for valuation. They know the relevant techniques to evaluate financial statements and understand the fundamental role of financial information in the valuation process. Students can apply valuation technics to real-world cases and recommend investment decisions.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 787 / 1020

Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Discounted Cashflow		12-M-CF1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module covers discounted cash flow (DCF) methods under certainty as well as uncertainty in the context of the valuation of unlevered and levered companies. Furthermore, tax aspects as well as their influence on the company value are considered.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. DCF Theory under certainty <ol style="list-style-type: none"> <li>1. NPV without taxes</li> <li>2. NPV with personal taxes</li> <li>3. NPV with corporate taxes</li> </ol> </li> <li>3. DCF Theory under uncertainty <ol style="list-style-type: none"> <li>1. DCF basics</li> <li>2. Valuation of unlevered companies</li> <li>3. Valuation of levered companies</li> </ol> </li> <li>4. Practice of DCF methods</li> </ol>		
Intended learning outcomes		
After completion of this module, the students will know a variety of discounted cashflow techniques and are able to apply properly them in order to evaluate projects or firms.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018)		



Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)

Module title		Abbreviation
Philosophy of Science and Ethics in Business Management and Economics		12-M-WEW-182-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module will take the form of a seminar. Participants will independently work on a problem in economic policy or will review an important publication on a topic in economics.		
<b>Intended learning outcomes</b>		
Students are able to present the status of a current project in a talk as well as to discuss and defend it.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		

Module title			Abbreviation
Economic and Business Ethics			12-M-WUE-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
In this seminar, students will gain an overview of different ethical aspects in business and economy, e. g. leadership ethics, corruption, ethical theories, consumer ethics, CSR.			
Intended learning outcomes			
Using common scientific methods the student should be able to write a seminar paper dealing with a selected ethical problem in business and/or economy. He/she should be able to present a complex problem in a clear and understandable way and he/she should discuss the arguments with other participants in the class.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English			
Allocation of places			
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Econometrics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 792 / 1020

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Portfolio and Capital Market Theory		12-M-CF2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module conveys profound knowledge of individual portfolio choices and on this basis the most important capital market theory (namely capital asset pricing model) is introduced, including its assumptions, implications and extensions.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Modern Portfolio Selection <ol style="list-style-type: none"> <li>1. 2 Asset-Case</li> <li>2. Multiple-Asset-Case</li> <li>3. Critique of Portfolio Theory</li> </ol> </li> <li>2. Capital Asset Pricing Model <ol style="list-style-type: none"> <li>1. Assumptions and Derivation</li> <li>2. Implications</li> </ol> </li> <li>3. Empirical Aspects, Extensions and Alternatives</li> </ol>		
Intended learning outcomes		
<p>This module enables the students</p> <p>(i) to explain and to determine the optimal capital market position of an investor given the different investment opportunities and individual utility function;</p> <p>(ii) to understand and use the central CAPM propositions for valuating risky assets.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Risk Management and Corporate Finance		12-M-CF3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module deals with the valuation and use of classical derivatives in financial markets. In particular, futures, swaps and options are considered as well as their possible applications in the context of financial risk management. In particular, students will be introduced to the theory involved in pricing options, as well as important valuation parameters. In addition, some established risk measures such as value-at-risk are discussed.</p> <ol style="list-style-type: none"> <li>1. Introduction</li> <li>2. Futures &amp; Forwards</li> <li>3. Swaps</li> <li>4. Options</li> <li>5. Measures of risk</li> </ol>		
Intended learning outcomes		
<p>Upon completion of this module students will be able to,</p> <p>(i) independently determine the fair value of the derivatives discussed, as well as</p> <p>(ii) to understand and evaluate common capital market hedging strategies.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)



Module title		Abbreviation
Selected Topics in Corporate Finance		12-M-CF4-182-m01
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new chairs that are not yet included in the regular curriculum.</li> </ul> <p>The chair holder will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p> <p>Master's degree (1 major) Economathematics (2022)</p>		

Module title			Abbreviation
Risk measurement and risk valuation: Concepts and applications for banks			12-M-CF5-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course augments the usual consideration of symmetric risk metrics by introducing metrics for downside risks and the concept of risk as a capital requirement. The focus for applications in banks lies in the treatment of risks with regard of supervisory regulations.			
Intended learning outcomes			
After completing the course “Risk measurement and risk valuation: Concepts and applications for banks” the students are able			
1. to judge the appropriateness and problems of asymmetric risk measures,			
2. to address essential risks in banks and to understand their handling by supervisory regulations as well as			
3. to realize the concept of risk as a capital requirement being the systematic base for these aspects in the banking sector.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
creditable for bonus			
Allocation of places			
--			
Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018)			
Master's degree (1 major) International Economic Policy (2018)			
Master's degree (1 major) China Business and Economics (2019)			
Master's degree (1 major) China Language and Economy (2019)			
Master's degree (1 major) Information Systems (2019)			
Master's degree (1 major) China Business and Economics (2021)			
Master's degree (1 major) China Language and Economy (2021)			
Master's degree (1 major) Economathematics (2021)			
Master's degree (1 major) Information Systems (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 799 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title		Abbreviation
Advanced Seminar: Corporate Finance		12-M-SBL-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Corporate Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This seminar deals with current topics in investment and finance. Students are required to independently analyze a selected topic and to write a seminar thesis. Moreover, they are required to present, discuss and defend their thesis. The seminar may be largely literature based or empirical or may be based on independent work with formal models.		
<b>Intended learning outcomes</b>		
Students will gain in-depth knowledge in recent application areas of investment and finance. They are able to transport their knowledge in a written seminar thesis, and to present and defend it in a final talk.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 801 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
Economics of Tax Planning		12-M-SP-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This course deals with tax effects on fundamental economic decisions. Taxes are integrated into standard models for investment decisions, financing decisions, firm valuation, dividend policy and remuneration of employees. Therefore, the interaction of corporate and personal income taxes is analysed.</p> <p>A reading list in English is available on request.</p>		
Intended learning outcomes		
<p>This course enables students to</p> <ul style="list-style-type: none"> <li>(i) combine their knowledge of tax law with microeconomic analyses in the areas of corporate and personal finance;</li> <li>(ii) analyze the effect of taxes on fundamental economic decisions, e.g. investment and financing decisions, evaluation of investment, financial assets, forms of remuneration for employees including managing and assessing;</li> <li>(iii) read and discuss research and policy papers in the field of taxation.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p>		
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Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
IT-Management		12-M-ITM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of aims, tasks and appropriate methods of IT management.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Organisation and distinction</li> <li>2. IT strategy</li> <li>3. IT organisation</li> <li>4. Management of IT systems</li> <li>5. Enterprise Architecture Management</li> <li>6. IT project management</li> <li>7. IT security</li> <li>8. IT law</li> <li>9. IT controlling</li> </ol> <p>Reading:</p> <ul style="list-style-type: none"> <li>• Hofmann/Schmidt: Masterkurs IT-Management, Wiesbaden.</li> <li>• Tiemeyer: Handbuch IT-Management, Munich.</li> <li>• Hanschke: Strategisches Management der IT-Landschaft, Munich.</li> </ul>		
Intended learning outcomes		
<p>After completing the course "IT Management", students will be able to</p> <ol style="list-style-type: none"> <li>1. overview the different aspects to be considered regarding a purposeful IT management;</li> <li>2. understand and apply appropriate methods and tools;</li> <li>3. independently perform system search and selection in a team project (only after participation in the practice lessons).</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		



<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Incentives in Organizations		12-M-AO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Based on the classical principal-agent theory, this course discusses methodological and empirical aspects of incentives in organisations. It uses contents from advanced text books and original (mainly empirical) research articles.</p> <p>Outline of syllabus</p> <ol style="list-style-type: none"> <li>1. Principal-agent theory</li> <li>2. Do top managers earn too much? (application)</li> <li>3. Performance-based payment</li> <li>4. Implementation of performance-based payment in companies (application)</li> <li>5. Seniority payment (with application)</li> <li>6. Financial incentives to work after retirement (with application)</li> <li>7. Efficiency wages (with case study)</li> <li>8. Team incentives (with case study)</li> </ol>		
Intended learning outcomes		
Students acquire a working knowledge of key incentive models, selected empirical applications and the necessary econometric background. This enables them to identify the advantages and disadvantages of different incentive systems that are applied in the enterprise context, to make informed management analyses and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		

**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Human Resource Management and Industrial Relations			12-M-HRM-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture "Human Resource Management and Industrial Relations" introduces advanced theories, estimation techniques and empirical results from the areas of human resources management and institutional frameworks such as the different actors in industrial relations.			
Syllabus			
Introduction: Human Resource Management & Industrial Relationships			
Chapter 1: The employment contract [formal model]			
Chapter 2: Motivation [formal model]			
Chapter 3: Employee resistance against reorganisations [empirical study]			
Chapter 4: The role of works councils [formal model]			
Chapter 5: Works councils and the employer wage structure [empirical study]			
Chapter 6: The behaviour of labour unions [formal model]			
Chapter7: Learning process of employers [formal model and empirical study]			
Chapter8: Demographic challenges of HRM [formal model and empirical study]			
Intended learning outcomes			
The aim of the lectures is to enable students to understand and apply advanced theories, estimation techniques and empirical results in the area human resource management and industrial relations on the basis of scientific literature.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)			
Language of assessment: German and/or English			
Allocation of places			
20 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.			
Additional information			
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Seminar: Topics in Personnel Economics and Organizational Theory			12-M-SPO-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
Students will write a seminar paper on, deliver a talk on and discuss current issues in the field of human re- sources management and organisation.			
Intended learning outcomes			
The students learn to handle, write in own words, present, and discuss current research literature in the area hu- man resource management and organisation.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 pages) and presentation with sub-presentation including discussion (approx. 50 minu- tes), weighted 1:1 Language of assessment: German and/or English			
Allocation of places			
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allo- cated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 811 / 1020

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
<b>Strategic Managerial Accounting</b>		12-M-INST-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on accounting instruments, which are applied in the context of strategic management of enterprises. First, it addresses important drivers of strategic decisions from a microeconomic perspective, such as the emergence of cost and quality advantages in competition as well as scale and experience curve effects. Second, the module covers analytical and heuristic techniques of planning and control. In the context of these techniques, instruments of target costing, life cycle cost analysis, benchmarking and business wargaming are discussed with regard to their theoretical foundation and fields of application.		
<b>Intended learning outcomes</b>		
Initially, knowledge about fundamental requirements concerning instruments of decision-making and behavior control within enterprises is acquired. What is more, the module conveys obtaining knowledge about the strengths and weaknesses and therewith fields of application and limits of prevalent instruments of strategic corporate management used by practitioners.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 813 / 1020



Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Coordination, Budgeting and Incentives in Organizations		12-M-KOBO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This module focuses on accounting-based instruments to control behavior in decentralized enterprises. The course first discusses the role of accounting in the context of decision-making and behavioral controlling as well as informational analyses. Afterwards, the most common instruments of behavioral controlling (budgeting, value-oriented management, transfer prices) are discussed with regard to theory and practice.		
Intended learning outcomes		
This module aims to provide knowledge in the context of behavioral control in enterprises. Knowledge about requirements on instruments used for behavioral control are discussed and competences for deployment, structure and development of coordination tools are provided.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 815 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Accounting and Capital Markets		12-M-REKA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module focuses on financial and management accounting, their functions, possible configurations as well as their impact on internal and external recipients under consideration of the institutional setting. In this context, an economic perspective has priority over detailed legal arrangements and regulations by the standard setters. Based on the theoretical foundations of information economics as well as decision-making and balance sheet theories, typical issues concerning cost and managerial accounting as well as financial accounting and publicity are discussed.		
<b>Intended learning outcomes</b>		
Initially, a fundamental knowledge about the conception and impact of management and financial accounting as information systems is acquired. In the following, the module mainly sharpens the understanding of the economic impacts of the configuration of management and financial accounting. What is more, extensive knowledge about possible impacts of changes in institutional general frameworks is covered. For example, changes in valuation standards, publicity rules or regulations about the distribution of profits in enterprises and on capital markets are considered.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 817 / 1020

Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Change Management		12-M-CHA-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Within the module, theoretical basics of change management are covered. In addition, we present and jointly analyze existing change projects in detail. We try to answer related questions, too. For example, the module discusses how to involve stakeholders in change, what motivates them to embrace change, and whether participation is a universal principle. The module covers projects like merging two departments, restarting a department with team building, conducting an employee survey, or developing a new mission statement. The majority of the projects are taken from the social sector, but can be transferred to industry and SMEs.		
Intended learning outcomes		
After participating the lecture, students will be able to understand the occurrence of resistance and massive emotional reactions in change processes. Change processes can be critically analyzed and the use of typical instruments in change processes can be questioned. Students are able to identify the typical pitfalls and hurdles in these processes and are able to use their knowledge for own future projects as well as to create their own solutions in change processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 819 / 1020

Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
<b>Advanced Seminar: Selected Aspects of Managerial Accounting</b>		12-M-AUAS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured paper and to present the results of their work by means of relevant topics in the field of managerial accounting.		
<b>Intended learning outcomes</b>		
After completion of the seminar, students will be able to answer complex questions from the field of managerial accounting at a scientific level. They are able to conduct scientific literature research in a targeted manner and understand its contents as well as apply further scientific methods to answer questions, integrate acquired results into scientific papers and, building on this, independently prepare presentations and lectures.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 821 / 1020



Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Operations & Logistics Management			12-M-AOLM-182-mo1
Module coordinator		Module offered by	
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course "Advanced Operations & Logistics Management" acquaints students with advanced methods for the planning of integrated production and logistics systems and demonstrates the application of these with the help of multiple case studies			
Intended learning outcomes			
After completing this course students can (i) analyze and evaluate integrated production and logistics systems; (ii) develop and apply appropriate methods to plan complex production and logistics systems; (iii) evaluate the consequences of uncertainties in processes, and (iv) apply concepts and methods to plan uncertainties processes.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 823 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Global Logistics & Supply Chain Management		12-M-GLSC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Global Logistics & Supply Chain Management" acquaints students with advanced methods for the planning of global production networks and demonstrates the application of these with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) analyze and evaluate global production networks; (ii) develop and apply appropriate methods to plan production networks; (iii) evaluate the consequences of uncertainties in processes and apply concepts and methods to plan uncertain processes.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 825 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: Logistics & Supply Chain Management		12-M-LSCM-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Quantitative planning approaches are particularly valuable for designing logistics systems and supply chains. They support decision makers in taking important strategic, tactical, and operational decisions by providing well-founded and relevant information. Many of these decisions have significant impact on the competitiveness of companies because they considerably influence today's as well as tomorrow's costs and revenues. The adoption of quantitative planning methods has been strongly supported by the development of information and communication systems: Advanced tools are available at low costs, versatile methods to model and solve planning problems have been integrated in standard software, the user friendliness has improved, and last but not least: the access to necessary data has substantially progressed (i.e. through ERP systems).		
Intended learning outcomes		
The main objective of this seminar is to familiarize participants with diverse quantitative planning problems and potential solutions. Planning procedures are applied to solve real problems in companies. Participants in this seminar learn about actual planning problems in Logistics and Supply Chain Management; they analyze and understand how companies address these problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 827 / 1020

Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Managerial Analytics & Decision Making		12-M-MADM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The course "Managerial Analytics & Decision Making" discusses quantitative methods to structure and solve a diverse set of management problems and demonstrates the application of modern methods with the help of multiple case studies.		
Intended learning outcomes		
After completing this course students can (i) better understand and structure problems; (ii) apply important theoretical and empirical frameworks to practical problems that evaluate good and bad decision making; (iii) implement advanced analytical methods to support decision making under risk.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 829 / 1020



Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Strategic Management of Global Supply Chains		12-M-SMGS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>In the course "Strategic Management of Global Supply Chains", students will become familiar with the basic principles of building an efficient global supply chain and will apply what they have learned working on multiple case studies.</p>		
Intended learning outcomes		
<p>After completing this course students</p> <p>(i) can apply the basic methods and concepts of supply chain management to practical settings and evaluate the results, and</p> <p>(ii) understand the effects of global value chains onto strategic company decisions.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 831 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: Supply Chain Competition		12-M-SCC-161-m01
Module coordinator		Module offered by
Holder of the Chair of Logistics and Quantitative Methods in Business Administration		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In the seminar "Supply Chain Competition", students participate in an online multi-round simulation and apply methods of operations and supply chain management.		
Intended learning outcomes		
After completing this seminar students  i. selected and applied quantitative models for procurement, production, sales and supply chain management, ii. faced the practical problems when using real data to feed models, iii. and understand the challenges to reach a coordinated decision in a company.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 to 20 pages) and presentation (approx. 10 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
12 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Logistics and Quantitative Methods will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in mandatory courses of the focus Logistik und Supply Chain Management (Logistics and Supply Chain Management) or Value Chain Management or another specialisation the applicant has selected which includes courses offered by the Chair. (3) Among applicants with the same number of ECTS credits, places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Monetary Policy and the Financial System</b>		12-M-EG1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is a thorough introduction to monetary policy. The course is divided into four sections. The first one repeats macroeconomic concepts. The second one deals with core topics on monetary policy and theory. In the third one, monetary policy with the zero lower bound on nominal interest rates constraint is analyzed. The fourth section deals with linkages between monetary and fiscal policy.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each winter term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students will acquire a thorough understanding of the theory and practice of monetary policy. Students gain expertise on institutional aspects and theoretical monetary models. Having completed the module, students will be able to understand current developments in monetary policy and and apply models and theories to analyze and evaluate these.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>exchange program Business Management and Economics (2022)</p>

Module title			Abbreviation
Monetary Policy, Foreign Exchange Markets, and the International Monetary System			12-M-EG2-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The course deals with the following topics:			
The foreign exchange market: Functioning of foreign exchange markets; market structure, players and evolution; FX transactions; hedging and speculation with FX.			
Exchange rate economics: Theoretical background and empirical validity of covered interest parity (CIP), uncovered interest rate parity (UIP) and purchasing power parity (PPP); Monetary approach: Flexible price monetary model and sticky price (Dornbusch-) overshooting model; Balassa-Samuelson effect; FX valuation via the PPP and the macroeconomic balance approach; Real effective exchange rates; Empirical validity of the exchange rate theories; Exchange rates and the current account.			
Exchange rate regimes and monetary policy in open economies: Classification of exchange rate regimes; the policy trilemma in open economies; historical development of the international monetary system; central bank interventions on the FX market.			
Modelling open economy macroeconomics at the intermediate level: Implications of the Mundell-Fleming model for monetary and fiscal policy under fixed and flexible exchange rates. The BMW (IS-MP-PC) model of the open economy and its implication for monetary and fiscal policy under fixed and flexible exchange rates; optimum currency areas in the BMW model and in practice.			
Currency crises: International experience with currency crises since the 1970s; modelling currency crises within the Mundell-Fleming framework.			
Managed-floating as a solution for the policy trilemma.			
Intended learning outcomes			
By completing this course, students receive a profound understanding of the functioning of foreign exchange markets, the drivers of exchange rate movements and some exchange rate valuation methods used in practice. Next to a profound knowledge of exchange rate theory the course highlights its practical applicability, e.g. as an investment strategy. In the second part of the course students learn the principles of monetary policy in open economies, including its trade-offs and risks like currency crises. Students will be able to analyze these issues based on theoretical models as well as the international historical experience.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English			
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creditable for bonus
<b>Allocation of places</b>
30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Macroeconomic Policy		12-M-EMP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In particular, the course outline is as follows:</p> <p><b>I. Targets of macroeconomic policy</b></p> <p><b>II. The mechanics of the two core macroeconomic models</b></p> <p>a. The classical model of a self-stabilizing corn economy</p> <p>b. The Keynesian model of a monetary economy with inherent instability</p> <p>c. The financial system and banks in the two models</p> <p><b>III. The diverging policy implications of the two paradigms</b></p> <p>a. Unemployment: wage rigidities versus rationing of the labor market by the goods market</p> <p>b. Government debt: Crowding out versus Modern Monetary Theory (MMT)</p> <p>c. Inflation: quantity theory versus Phillips curve</p> <p>d. The incompatibility of the two worlds</p> <p><b>IV. A simple IS/MP/PC model</b></p> <p><b>V. The monetary policy of the ECB</b></p> <p>a. The mandate of the ECB and possible trade-offs with unemployment and financial stability</p> <p>b. Conventional/unconventional instruments of the ECB / The risk of fiscal dominance</p> <p>c. ECB strategy and climate policy</p> <p>d. The threat of deflation and the Zero-Lower Bound</p> <p><b>VI. The difficult task of coordinating 19 independent national fiscal policies in the EMU</b></p> <p>a. Specific challenges due to lack of political integration: Lack of coordination versus lack of fiscal discipline</p> <p>b. The limitations set by Stability and Growth Pact</p> <p>c. The rationale of fiscal rules: Maastricht Treaty, Fiscal Compact/Debt Brake, Golden Rule / reform proposals</p> <p><b>VII. Specific EMU topics</b></p> <p>a. Is the EMU an optimum currency area?</p>		

b. The financial crisis and the euro crisis: The dismal performance of the ECB until 2012 and the paradigm change by Mario Draghi ("Whatever it takes")

c. The ECB in the Corona crisis and Next Generation EU

### Intended learning outcomes

By the end of the course, students will have gained a basic understanding of European macroeconomics.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.

### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)

Master's degree (1 major) International Economic Policy (2018)

Master's degree (1 major) China Business and Economics (2019)

Master's degree (1 major) China Language and Economy (2019)

exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>DSGE Modelling</b>		12-M-DMM-182-mo1
Module coordinator		Module offered by
Head of the Work Group of Empirical Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course offers an introduction to "Dynamic Stochastic General Equilibrium Modelling" (DSGE). These models are designed to describe the business cycle at the macro level. In a first step, we analyse the behaviour of a representative household. In particular, we describe how consumption, asset allocation and labour supply plans are formulated. In a second step, we focus on the firm sector and address how firms solve for optimal production plans. In a third step, we explain what role the central bank plays in stabilising the business cycle. Thereby, we show how changes in interest rates interact with optimal decisions taken by households and firms. We also discuss hot topics such as CAPM models and monetary policy in the euro area.</p>		
Intended learning outcomes		
<p>The course offers analytical tools designed to solve DSGE models. These analytical skills encompass:</p> <ul style="list-style-type: none"> <li>• Solving of intertemporal optimization problems (e.g., consumption Euler-equations).</li> <li>• Linearization methods (e.g., Taylor-expansions).</li> <li>• Solving linear difference expectations by minimum state variabel techniques (MSV-solution).</li> <li>• Basic time series concepts such as impulse response functions, variance decompositions.</li> <li>• Basic insights in MATLAB/ Dynare programming: specifying, solving and estimating DSGE models.</li> </ul> <p>Based on the course students are able themselves to design and implement DSGE models.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)  Master's degree (1 major) International Economic Policy (2018)  Master's degree (1 major) China Business and Economics (2019)  Master's degree (1 major) China Language and Economy (2019)  Master's degree (1 major) China Business and Economics (2021)  Master's degree (1 major) China Language and Economy (2021)</p>		
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Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Selected Topics of European Integration		12-M-SEI-161-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module provides students with a more in-depth understanding of specific problems of macroeconomics and current economic policy.		
Intended learning outcomes		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare better for the processing of the master's thesis.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 pages) and presentation (approx. 15 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English		
Allocation of places		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019)		
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Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Advanced Seminar: Monetary policy		12-M-SV1-161-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Gaining a more in-depth understanding of specific problems of macroeconomics and, in particular, monetary policy.</p> <p>Format of the module: seminar</p> <p>Prerequisites: Basic knowledge of macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the seminar</p> <p>ECTS and grading: 10 ECTS, Grading on a scale from 1-5 based on a seminar presentation and a seminar paper</p> <p>Frequency of the module: Each term</p> <p>Workload: 300 hours</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students are able to independently investigate and classify scientific publications on their relevance to a given theme. In addition, they are able to present the results orally and in writing by conventional scientific standards.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
Allocation of places		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
<b>Seminar: Macroeconomics and Quantitative Economic Research</b>		12-M-MEW-161-m01
Module coordinator		Module offered by
Head of the Work Group of Empirical Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This course will provide students with a more in-depth understanding of specific problems of macroeconomics and quantitative economic research. A current list of topics, from which students may select one, is available on my website.		
<b>Intended learning outcomes</b>		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare better for the processing of the master's thesis.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Economic Geography</b>		12-M-EG-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Der Kurs wird in Englisch gelesen</p> <p><u>Content</u></p> <p>The lecture starts with a brief motivation of the core issues and a short overview over key forces driving the allocation of economic activity in space. The main parts of the lecture cover the functioning and evolution of cities and city systems, and the economic geography of regions and countries.</p> <p>I Motivation and Facts</p> <p>II Location Basics</p> <ul style="list-style-type: none"> <li>- Forces Shaping the Location of Economic Activity in Space</li> <li>- Some Intellectual Background</li> </ul> <p>III Urban and Regional Economics</p> <ul style="list-style-type: none"> <li>- The Spatial Structure of Cities</li> <li>- City Systems</li> </ul> <p>III New Economic Geography</p> <ul style="list-style-type: none"> <li>- From the New Trade Theory to the New Economic Geography</li> <li>- Footloose Capital Model and Policy Applications</li> <li>- Core Periphery Models and Policy Applications</li> <li>- Empirics</li> </ul> <p><u>Literature:</u></p> <p>The course uses a combination of textbooks and journal articles. Articles from the Handbook of Urban and Regional Economics (current and previous volumes) are heavily used. Useful books are:</p> <p>Brakman, W., H. Garretsen and Ch. van Marrewijk, 2009, The New Introduction to Geographical Economics, Cambridge University Press</p> <p>Baldwin, R., R. Forslid, P. Martin, G. Ottaviano and F. Robert-Nicoud, 2003, Economic Geography and Public Policy, Princeton, 2003</p> <p>Combes, P.P, Th. Mayer and J.F. Thisse, 2008, Economic Geography. The Integration of Regions and Nations, Princeton University Press</p> <p>Fujita, M., P.R. Krugman and A.J. Venables, 1999: The Spatial Economy, MIT Press</p>		
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Fujita, M. and J.-F. Thisse (2013). Economics of Agglomeration. Cities, Industrial Location and Regional Growth. Cambridge University Press.

Krugman, P.R., 1991, Geography and Trade, MIT Press

### Intended learning outcomes

Students acquire a knowledge of the forces which determine the allocation of economic activity in space and they learn to apply fundamental models of cities, city systems and of regional agglomerations to understand and analyze policy issues involving local, regional and international policy questions both analytically and in an economic intuitive way.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

### Allocation of places

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### Additional information

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### Workload

150 h

### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Empirical Regional- and International Economic Research		12-M-ERA-182-mo1
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 10 pages) on empirical analysis prepared by candidates or c) portfolio (approx. 20 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		

Module title			Abbreviation
International Trade and the Multinational Firm			12-M-ITMF-182-m01
Module coordinator		Module offered by	
Holder of the Chair of International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<u>Content</u>			
The lecture starts out with theories of international trade based on comparative advantage (Ricardo and Heckscher-Ohlin) followed by theories based on monopolistic and oligopolistic competition to explain intra-industry trade. The final part covers firm heterogeneity and multinational firms. [If time permits the Armington model and the standard neoclassical model will be addressed.]			
<u>Outline</u>			
I Ricardian Trade Theory			
II Heckscher-Ohlin Trade Theory			
III New Trade Theory: Intra-Industry Trade, Increasing Returns to Scale, Imperfect Competition			
IV Firm Heterogeneity, Trade and FDI			
V The Multinational Firm			
<u>Literature:</u>			
The module draws heavily on articles from scholarly journals and handbooks. A detailed list of references with further references, notably journal articles, is provided with each chapter of the lecture. Material from the following books is also used:			
Helpman, E. (2011). Understanding Global Trade. Princeton University Press.			
Feenstra, R.C. (2016). Advanced International Trade. Theory and Evidence. Princeton University Press, Second Edition			
Caves, R., R.W. Jones and J.A. Frankel (2007). World Trade and Payments. Addison Wesley			
Bhagwati, J., A. Panagariya and T. N. Srinivasan (1998). Lectures on International Trade. Second Edition. MIT Press			
Gandolfo, G. (1998). International Trade Theory and Policy. Springer-Verlag, Berlin and New York			
Markusen, J.R., J.R. Melvin, W.H. Kaempfer, K. E. Maskus (1995). International Trade. McGrawHill			
Barba Navaretti, G. and A.J. Venables (2004). Multinational Firms in the World Economy. Princeton University Press			
Intended learning outcomes			
The students acquire the ability to critically understand the causes and drivers of world trade and the developments of specialization patterns in the global economy. They learn to analyze, discuss and defend these developments and to apply the tools and methods to evaluate controversies associated with the ongoing deepening			

of the international division of labor, in particular the repercussions of the global economy on national economies.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)

Language of assessment: English

creditable for bonus

**Allocation of places**

--

**Additional information**

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**Workload**

150 h

**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Advanced Macroeconomics		12-M-MFF-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	English
Contents		
<p><u>Content</u></p> <p>The course covers long-run aspects of macroeconomics. We start with a review of the facts of long-run growth and a review of the Solow-growth model. The lecture then focuses on the infinite-horizon Ramsey-Cass-Koopmans model, on endogenous growth theory and it puts the roles of human capital and institutions under scrutiny. Applications of this framework involving urban and regional growth, resources and the environment will be taken up, time permitting.</p> <p><u>Outline</u></p> <p>I Facts and the Solow Growth Model</p> <p>II Infinite-Horizon Ramsey-Cass-Koopmans model</p> <p>III Endogenous Growth</p> <p>IV Human Capital, Social Infrastructure and Beyond</p> <p>V Applications (Urban and regional growth; Growth, resources and the environment)</p> <p><u>Literature:</u></p> <p>The course draws strongly on the textbook:</p> <p>David Romer, Advanced Macroeconomics, 4<sup>th</sup> edition, McGraw-Hill Irwin.</p> <p>We will use journal articles and research papers at several parts of the lecture.</p>		
Intended learning outcomes		
Students acquire a working knowledge of the key models and analytical tools of advanced macroeconomics. This enables them to identify the key forces that determine the determinants of income levels and growth rates of incomes, to make informed policy analysis and statements and to critically evaluate current controversies and developments as well as to conduct their own research.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Seminar: International Economics		12-M-SIÖ-161-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Current topics in International economics [e.g. Outsourcing, Offshoring and Multinational Firms; Competition of Locations, Jurisdictions and Systems; Globalization and the Environment; Trade, Multinational Firms and Labor Markets; Triumph of the City]		
Literature: Peer-reviewed articles and/or monographs.		
<b>Intended learning outcomes</b>		
Drawing on current cutting-edge research, students are enabled to analyze current research questions and to learn and apply research methods. The seminar style of the course teaches them to present their own seminar papers and research both in written and in oral form. Students are enabled to critically analyze and discuss the work of their peers.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 pages) and presentation (approx. 40 minutes) with position paper (1 page), weighted 3:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 856 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Trade Policy and the World Trading System		12-M-TP-182-m01
Module coordinator		Module offered by
Holder of the Chair of International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p><u>Content</u></p> <p>The module starts out with a sketch of key facts and the evolution of the world trading system as well as current trade policy controversies. The main part of the lecture deals with trade policy instruments (e.g. tariffs and quotas) and arguments in favor of trade policy interventions (the terms of trade, strategic trade policy, infant industries, industrial policy, environmental policy). Political economy issues are also addressed.</p> <p><u>Outline</u></p> <ol style="list-style-type: none"> <li>1 The evolution of the world trading system and current issues</li> <li>2 Trade policy instruments and their effects under perfect competition</li> <li>3 The competition effect of trade opening</li> <li>4 Domestic distortions</li> <li>5 International market power and trade policy</li> <li>6 Political economy and the world trading system</li> </ol> <p><u>Literatur:</u></p> <p>The main text used is:</p> <p>Helpman, E. und P.R. Krugman (1989). Trade Policy and Market Structure. The MIT Press, Cambridge, Massachusetts.</p> <p>The following monographs cover the evolution of the world trading system and the evolution of ideas in trade policy making:</p> <p>Bhagwati, J. (2002). Free Trade Today, Princeton University Press</p> <p>Bhagwati, J. (2005). In Defense of Globalization. Oxford University Press</p> <p>Irwin, D. (2020). Free Trade Under Fire, Princeton University Press, 5th Edition (as well as former editions partially containing further material)</p> <p>Irwin, D. (1996). Against the Tide. An Intellectual History of Free Trade, Princeton University Press</p> <p>Basic refreshers are</p> <p>Krugman, P.R., M. Obstfeld und M. Melitz (2018), International Economics. Theory and Policy. Addison-Wesley, 11th Edition</p> <p>Caves, R., R.W. Jones und J.A. Frankel (2007), World Trade and Payments. An Introduction. Addison-Wesley, 10th Edition</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 858 / 1020

This literature is complemented by papers from scholarly journals.

### Intended learning outcomes

tudents acquire the ability to critically understand the effects and issues associated with the use of trade policy instruments. They are enabled to understand and evaluate the causes and consequences of interventions in international trade on the aggregate economy, producers and consumers, the foreign trading partners and the world trading system both analytically as well as in an intuitive manner. Students also acquire the scientific knowledge to grasp the factors determining the structure and dynamics of the world trading order

### Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)  
Language of assessment: German and/or English  
creditable for bonus

### Allocation of places

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### Additional information

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### Workload

150 h

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Market Research and Demand Analysis		12-M-EIO-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<ol style="list-style-type: none"> <li>(Recap of) Econometric methods <ul style="list-style-type: none"> <li>Ordinary Least Squares (OLS)</li> <li>Endogeneity and how to deal with it (Instrumental Variables)</li> </ul> </li> <li>Estimation of demand <ul style="list-style-type: none"> <li>Representative consumer models</li> <li>Multinomial Logit Model (ML) and extensions</li> <li>Discrete choice models with individual data</li> <li>Discrete choice models with aggregate data</li> </ul> </li> <li>Further applications <ul style="list-style-type: none"> <li>Demand and Supply estimation</li> <li>Inferring marginal costs</li> <li>Using structural models for counterfactual policy analysis</li> </ul> </li> </ol>		
Intended learning outcomes		
<p>The students taking this class will learn modern empirical methods in studying questions related to industry outcomes. They will become familiar with methods used in estimating demand and during exercises will learn how one can implement these methods in practice using statistical software. The lectures will help students to have a thorough understanding of the so-called New Empirical Industrial Organization (NEIO) methodology. The students will become familiar with methods used in estimating demand and imperfect competition models among firms. They will learn how to use such models to infer marginal costs as well as constructing policy simulations based on the estimated models to evaluate the effects of changes in the competitive environment, such as mergers. A student that successfully completes this course will not only be able to read empirical academic papers but will also implement a few important models in computer exercises. Furthermore, students will be able to draw implications of empirical studies for economic policy in areas such as antitrust and regulation.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)



Module title		Abbreviation
Strategic Decisions and Competition		12-M-SDC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>1. Strategic situations and decision making</p> <p>2. Analyzing strategic situations with game theory</p> <p>1. Noncooperative simultaneous move games</p> <p>2. Nash equilibrium</p> <p>3. Models of oligopoly markets</p> <p>3. Dynamic Games</p> <p>1. Two(-multi) stage games and subgame perfect equilibrium</p> <p>2. Role of commitment in dynamic situations</p> <p>3. Models of advertising</p> <p>4. Wage bargaining and unions</p> <p>4. Repeated Games</p> <p>1. Emergence of coordination in long interactions</p> <p>2. Collusion between competing firms</p> <p>3. Time consistent monetary policy</p> <p>5. Static games of incomplete Information</p> <p>1. Bayesian Nash equilibrium</p> <p>2. Auctions</p> <p>6. Dynamic games of incomplete information</p> <p>1. Moral hazard and nonlinear pricing</p> <p>2. Perfect Bayesian equilibrium</p> <p>3. Signalling games</p> <p>4. Job-market signalling</p> <p>5. Corporate investment and capital structure</p>		
Intended learning outcomes		
<p>After successful completion of this class, the students should be familiar with economic models that can be used to shape managerial strategy and aid in making decisions in strategic situations. Especially, by making use of simple two stage games, they should be able to formulate dynamic policies in a wide variety of strategic situations. The students will acquire an intuitive understanding of the underlying economic mechanisms which emerge from the analysis of game theoretic models for a wide variety of strategic situations arising in industrial economics, marketing, organization, finance, trade and labor. Moreover, they will acquire skills which enable them to make predictions in strategic situations by making use of simple mathematical models. By means of completing case based exercises, they will learn to transform real life business situations to an appropriate economic model. Based on an analysis of this model, they will be able to devise optimal strategies and derive the corresponding managerial implications.</p>		

The course will be taught in English.
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title			Abbreviation
Theory of Industrial Organization			12-M-TI1-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Theory of industrial organisation:</p> <ol style="list-style-type: none"><li>Monopoly pricing<ul style="list-style-type: none"><li>Nonlinear pricing and mechanism design</li><li>Dynamic pricing: experience goods, durable goods</li></ul></li><li>Oligopoly pricing<ul style="list-style-type: none"><li>Static price and quantity competition in homogeneous and differentiated goods markets</li><li>Comparative statics</li><li>Equilibrium market structure</li></ul></li><li>Dynamic competition in oligopoly markets<ul style="list-style-type: none"><li>Subgame perfect equilibrium and models of dynamic competition</li><li>Repeated games and collusion</li></ul></li><li>Strategic behaviour by incumbent firms<ul style="list-style-type: none"><li>Entry deterrence and predation</li><li>Signalling and reputation</li></ul></li><li>Behavioral Industrial Organization<ul style="list-style-type: none"><li>Reference Dependent Preferences and Framing Effects</li><li>Time inconsistent behavior</li></ul></li></ol> <p>The course will be taught in English.</p>			
Intended learning outcomes			
Students which complete this class will acquire a working knowledge of advanced theoretical models of competition in oligopoly markets as well as sophisticated pricing techniques in monopoly markets. They will learn the conditions under which the predictions of these models are valid. They will become familiar with applications of advanced game theoretic tools, such as dynamic models of competition, for studying interactions between firms in markets. By means of comprehensive exercises, they will apply the methods they learn in class to practically relevant problems. They will be in a position to read academic papers on related topics, assess the strengths and weaknesses of an approach, summarize and comment on these papers and suggest possible extensions.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Applied Industrial Organization		12-M-TI2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This course discusses vertical contracts in supply chains and their impact on competition.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. The classic problem of double marginalisation and its solution by nonstandard contracts (resale price maintenance, nonlinear pricing (rebates), exclusive territories, exclusive dealing etc.)</li> <li>2. Contracts for service</li> <li>3. Common agency</li> <li>4. The delegation principle</li> <li>5. The commitment problem</li> <li>6. Interlocking relationships</li> <li>7. Foreclosure by vertical contracts or mergers</li> </ol>		
Intended learning outcomes		
<p>After completing the course students are able to</p> <ul style="list-style-type: none"> <li>(i) explain the results of theoretical industrial economics on vertical contracts;</li> <li>(ii) apply the involved methods to given simple examples on their own;</li> <li>(iii) recognize, in which real life situations (and how) the results can be applied;</li> <li>(iv) analyze the impact of certain vertical contracts on competition.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Competition Policy		12-M-WPE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: <ul style="list-style-type: none"> <li>• repeated games and factors affecting likelihood of collusion</li> </ul> </li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol> <p>The course will be taught in English.</p>		
<b>Intended learning outcomes</b>		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
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<b>Additional information</b>
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) exchange program Business Management and Economics (2022)



Module title		Abbreviation
Advanced Seminar: Industrial Organization		12-M-SIO-161-mo1
Module coordinator		Module offered by
Holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This course covers selected advanced topics from the field of industrial economics. Students, with the help of their advisor, will choose a topic and formulate a research question. Then they are expected to conduct research and write a paper on this research question. At the end of the semester the students will present their findings orally to an audience.		
<b>Intended learning outcomes</b>		
After completing the course "Seminar: Industrieökonomik", students will be able to 1. perform a survey of the scientific literature on a given topic; 2. critically assess the economic models and their findings in the literature; 3. describe the economic mechanisms underlying important economic observations; 4. suggest future research directions; 5. present their findings to an audience.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 870 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Labour Economics		12-M-TLE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p> <p>.</p>		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be made.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p>		

Module title		Abbreviation
Policy Evaluation Methods		12-M-PEM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This course offers an introduction to the fundamentals of causal inference and to widely used research designs in the social sciences. In the first part a framework for understanding causality is introduced. Specifically, the epistemological differences between association, intervention and counterfactuals are explained. Then it is shown why experiments are paramount in generating causal knowledge and which assumptions are needed for which level of the causal hierarchy. Finally, we will discuss two widely used approaches to causality in the social sciences, i.e. potential outcomes and directed acyclic graphs.</p> <p>The second part is devoted to the research designs regressions analysis, difference-in-differences, instrumental variables, and regression discontinuity. The emphasis is how these research designs are for example applied to answer important questions in labour economics such as the effects of a minimum wage increase on employment or the effect of children on female labour supply and wages.</p> <p>The assumptions each research design requires in order to identify a causal effect will be at center stage of the lecture. Therefore the emphasis is to teach students <i>what</i> one needs to estimate in order to answer a given question. Further, the research designs are discussed such that students will be able to evaluate and apply these research designs to other questions and fields.</p>		
<b>Intended learning outcomes</b>		
At the end of the course, students should be able to understand basic concepts and methods of causal inference, as well as read, interpret, and assess the credibility of scientific publications. In addition, the course serves as preparation for advanced statistics and econometrics courses.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Social Science Sustainability Studies (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Design of Field Experiments and Studies		12-M-DFES-182-m01
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
<b>Experimental Economics</b>		12-M-EE-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p><b>Aim and outline of the course:</b></p> <p>The Nobel Prizes for Daniel Kahneman and Vernon Smith 2002 and for Richard Thaler 2017 have underlined the increasing importance of experimental methods in economics. Experimental methods are used to collect data using randomization or a highly controlled environment. This course offers an introduction to the methodology of experimental economics and economic laboratory experiments.</p> <p>In the methodology part it is shown why experiments are a good tool to generate scientific knowledge. Furthermore, widely used techniques in economic experiments are explained and how economic experiments differ from experiments in other social sciences. This part also deals with methods of reasoning, i.e. how inferences can be drawn from evidence that is generated by experiments.</p> <p>The unifying theme of all laboratory experiments that will be covered is, understanding the behavior of agents, who produce and/or distribute goods by interacting with each other. The first topic is about markets and it includes experiments that shown under which conditions and institutions markets work very efficient and under which conditions and institutions they fail to yield a desirable outcome. The second topic includes experiments that look at the behavior of two agents, who bargain about the distribution of a common pie. On the basis of these results we will discuss experiments that try to explain bargaining behavior and show how agents deviate systematically from the neoclassical framework, i.e. the "homo oeconomicus". The third topic deals with cooperation and institutions that support cooperation in the long run as equilibrium. Further, systematic evidence will be presented on how individuals can be classified in different cooperative types and how these types can explain economic outcomes in natural environments. The forth topic concerns reciprocity, a strong determining factor of human behavior that is nearly universal. We will cover experiments that show how reciprocity can enforce relational contracts in the absence of third party enforcement. Moreover, there will be a special emphasis on how reciprocity affects labor markets.</p> <p>When time permits up to two additional topics will be covered. The first topic is about gender differences in competitiveness, risk-aversion and overconfidence. The second topic is about the elicitation of social norms.</p> <p><b>Prerequisites:</b> Participants should have a basic knowledge about microeconomics, game theory and econometrics.</p> <p><b>Literature:</b></p> <p>The course will be mainly paper based but the following books provide a good overview and complement the discussed papers.</p> <ul style="list-style-type: none"> <li>• Dharni, S. (2016). The Foundations of Behavioral Economic Analysis. Oxford University Press.</li> <li>• Guala, F. (2005). The Methodology of Experimental Economics. Cambridge University Press</li> </ul> <p>In addition lecture slides will be provided.</p> <p><b>Grading:</b> Grading will be based on a presentation and a term paper.</p>		

### Intended learning outcomes

The aim of the course is to familiarize students with the methodology experimental economics. Further, students will be enabled to understand how causal evidence can be obtained using controlled variation and how to generalize from results that are derived in artificial laboratory setting to more natural environments. Moreover, the course shall deepen students' understanding of human decision making in multi-agent settings and to make them aware of systematic heterogeneous human behavior in the production and distribution of goods.

### Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)

Module taught in: English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

Assessment offered: In the semester in which the course is offered

Language of assessment: English

creditable for bonus

### Allocation of places

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### Additional information

Research track module in Master's programme IEP

### Workload

150 h

### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Programming Survey and Experiments		12-M-PSE-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Topics in Human Capital Development		12-M-THC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
<b>Intended learning outcomes</b>		
Due to the crediting of different modules, no competence description can be given.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		
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exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Migration		12-M-TIM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Migration has become a key issue in the political and public debate all over the world. Thus, economists increasingly engaged in studying determinants and consequences of migration as it has a substantial impact on receiving and sending countries. This course offers an introduction to the key concepts of migration economics and will cover the following topics:</p> <ol style="list-style-type: none"> <li>1) Migration Decision and Forms of Migration</li> <li>2) Effects on Migration on Employment and Wages</li> <li>3) Effects of Migration on Attitudes and Political Economy</li> <li>4) Integration and Integration Policies</li> <li>5) Refugee Migration</li> <li>6) Impacts of Emigration</li> </ol> <p>At the end of the course students are familiar with the basic theoretical and empirical concepts in the area of economics of migration. A special focus will be on the understanding of the identification of causal effects and the ability to connect links between the different areas of analysis.</p> <p>The course will consist of frontal teaching of the basic theoretical as well as empirical tools as well as a careful reading of some of the key scientific articles related to the outlined topics (a reading list will be provided at the beginning of the semester).</p>		
Intended learning outcomes		
Solid knowledge of microeconomics and econometrics is reinforced. At the end of the semester, students will have the opportunity to present their term papers.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Social Science Sustainability Studies (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Labour Economics</b>		12-M-SWOSP-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Labor Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>This seminar targets any students interested in acquiring the skills to conduct an empirical study to understand people's social behavior and social preferences. We will read and discuss scientific methodological papers that allow students to acquire the necessary empirical tools to conduct an empirical thesis.</p> <p>The recurring topic will be related to the origins of social cohesion and social preferences, the role of the family and the school in shaping children's social behavior and preferences.</p>		
<b>Intended learning outcomes</b>		
<p>This seminar is designed to acquire the skills to write a master thesis at the Chair of Labour Economics. It focuses on the acquisition of empirical tools - mostly related to experimental empirical tools - in order to understand the determinants of social behavior and preferences.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
<p>10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)</p>		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Public Finance		12-M-EFP-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The course aims at introducing the main public finance issues in the European Union. Students will learn how the revenues of the Union are generated and how they are spent. We will discuss the motivation and implications of the Brexit decision and various coordination problems with respect to public debt, taxation and environmental policy. Economic policy is discussed with simple models, which highlight the central problems.</p> <p>Course contents:</p> <ol style="list-style-type: none"> <li>1. The European Union: History and Institutions</li> <li>2. The Budget of the European Union</li> <li>3. Economic Analysis of the Brexit Process</li> <li>4. Sovereign Debt, Financial Crisis and Fiscal Integration in the EMU</li> <li>5. Tax Competition or Tax Coordination in Europe?</li> <li>6. European Climate Policy: Emission Trading and Green Deal</li> </ol>		
Intended learning outcomes		
After completing the course students are introduced to the central public finance policy issues, institutions and rules of conduct in the EU. They are able to apply simple theoretical models to to discuss and analyze more specific policy problems.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
6 places. There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Wirtschaftsinformatik (Business Information Systems), Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Policy of Taxation		12-M-F1-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>In this module, students will acquire a basic understanding of the tax system and structure applied to households in Germany. In addition, the course will include simple tax incidence analyses of specific tax policies. Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Fiscal harmonisation system in Germany</li> <li>2. Mechanics and problems of the VAT system</li> <li>3. Tax incidence analysis</li> <li>4. Income tax code</li> <li>5. Taxation of married couples and families</li> <li>6. Taxation and household decisions</li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completing the course "Tax Policy" students know the most important tax revenues in Germany and how they are divided between the Federation and the federal provinces. They are able to explain the incidence of specific taxes using simple case studies. Finally they can discuss tax induced distortions of individual decisions using simple partial equilibrium models.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		
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Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Public Debt		12-M-F2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description: The module provides an introduction to some specific issues of public debt that are in the focus of the public and scientific debate. Reading: lecture notes provided by Chair. Outline of syllabus: 1. Measurement of public debt 2. Growth effects of public debt 3. Intergenerational effects of public debt 4. Public debt in open economies 5. Neutrality of public debt 6. Political economy of public debt 7. Theory of sovereign debtors</p>		
<b>Intended learning outcomes</b>		
<p>After completing the course "National Debt" students are able to distinguish and discuss the most important measurement concepts and problems of public debt. They can discuss the growth and distributional consequences using simple equilibrium models of closed and open economies. They can evaluate the relevance of Ricardian neutrality and know the political economy explanations of rising debt levels and debt overhangs in specific countries.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 889 / 1020

Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)

Module title		Abbreviation
Social Insurance and the Welfare State		12-M-F3-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module discusses the economic justification for implementing social security systems in a market economy and provides students with deeper insights into this topic with the help of specific issues of public health and retirement policy.</p> <p>Reading: lecture notes provided by Chair.</p> <p>Contents:</p> <ol style="list-style-type: none"> <li>1. Public intervention in insurance markets</li> <li>2. The insurance function of social security</li> <li>3. Social security and social morale</li> <li>4. The optimal health insurance contract</li> <li>5. Why do we need a public pension system?</li> <li>6. Funding vs pay-as-you-go financing of public pensions</li> </ol>		
Intended learning outcomes		
<p>After completing the module "Theorie der Sozialversicherung" students are able to explain the theoretical foundation of the social security system in a market economy. Using simple partial equilibrium models they can discuss the financing and contract structure of the public health and pension system. Finally they are able to analyze the consequences of policy reforms.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 891 / 1020

Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Computational Economics		12-M-NGM-182-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>Description:</p> <p>This course will mostly be concerned with the analysis of public policy (in areas such as taxation, social security etc.). Providing students with state-of-the-art techniques for quantitative macroeconomic research in this very field and familiarising them with the relevant literature, this course will teach students how such policies redistribute between different generations and also within generations, how they may improve risk sharing when markets are incomplete and how they can trigger distortions and therefore hurt the aggregate economy.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Programming with FORTRAN and application of numerical methods</li> <li>2. Solution techniques for dynamic programming problems</li> <li>3. Policy analysis with stochastic growth and life cycle models</li> </ol> <p>Reading:</p> <p>Lecture notes will be provided.</p>		
<b>Intended learning outcomes</b>		
<p>After completing the course "Advanced Computational EconomicsI" students will be able to</p> <ul style="list-style-type: none"> <li>(i) edit and solve stochastic economic problems using advanced numerical techniques;</li> <li>(ii) implement small scale economic models on the computer;</li> <li>(iii) simulate tax and social security policy reforms and interpret the quantitative results in economic term.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)		
Language of assessment: English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 893 / 1020



Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Seminar: Public Finance		12-M-SV5-161-m01
Module coordinator		Module offered by
Holder of the Chair of Public Finance		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Gaining a more in-depth understanding of specific problems discussed in lectures on public finance using scientific economic journal articles in German and English language.		
Intended learning outcomes		
After the seminar, students can (i) consolidate acquired knowledge and if necessary apply additional techniques of scientific work; (ii) create, present and defend a scientific paper; (iii) deal with the working papers of other participants; (iv) prepare better for the processing of the master's thesis.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, summer semester Language of assessment: German and/or English		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 895 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
European Economic Statistics		12-M-EWS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Subject and tasks of business and economic statistics</li> <li>2. The European system of national accounting</li> <li>3. The harmonised consumer price index</li> <li>4. Structural indicators</li> <li>5. Money and loans in the European monetary union</li> <li>6. Data bases of EuroStat</li> </ol>		
Intended learning outcomes		
Students acquire comprehension on the most important indicators and accounting systems of the European and German business and economic statistics. They will be able to use these reporting systems for different macroeconomic questions.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p> <p>Master's degree (1 major) Management (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 897 / 1020

exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Econometrics 1</b>		12-M-OE1-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basic concept and methodology of the ordinary least squares (OLS) regression model. In particular, model assumptions and properties are discussed and formally motivated. In addition, the module examines linear restrictions on the model's explanatory variables as well as dummy variables and introduces tests to verify simple and multiple linear restrictions.</p> <p>Linear algebra is used as formal aid.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Random variables</li> <li>2. Important distributions</li> <li>3. Point estimates</li> <li>4. Simple linear regression model</li> <li>5. Model assumptions</li> <li>6. Model properties</li> <li>7. Simple hypothesis tests</li> <li>8. Multiple linear regression model</li> <li>9. Linear restrictions</li> <li>10. Dummy variables</li> <li>11. Multiple hypothesis tests</li> </ol>		
Intended learning outcomes		
<p>The students acquire knowledge of the basics, concepts and methods used in the classical linear regression model and understand the role of econometrics in science and data analysis. In particular, they learn how to analytically derive, calculate and interpret the coefficients, standard errors and p-values of a classic regression output of the multiple regression model. Furthermore, they are able to formally state and motivate the assumptions and properties of OLS and know how to deal with transformed and dummy variables. Additionally, students will be able to test multiple linear restrictions on the parameters and will be able to apply these tests to real economic, business and social science questions.</p> <p>The competences acquired in this course serve as a prerequisite for "Econometrics II", "Econometrics III", "Micro-econometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: German (winter semester), English (summer semester)</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Econometrics 2</b>		12-M-OE2-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>This module deals with the basics, concepts and methods of the generalized least squares (GLS) framework. Partly as a motivation for the GLS model and partly for its own right, different specification and data problems as well as violations of model assumptions of the OLS estimator (as introduced in "Ökonometrie I" ("Econometrics I")) are discussed. This includes multicollinearity, a test for structural breaks, heteroskedasticity and autocorrelation. Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Specification analysis</li> <li>2. Multicollinearity</li> <li>3. Heteroskedasticity</li> <li>4. Autocorrelated disruptive terms</li> <li>5. Generalized least squares (GLS)</li> </ol>		
Intended learning outcomes		
<p>Students acquire essential knowledge of the fundamentals, methods and concepts for estimating the generalized linear regression model (GLS) and can apply and interpret it. They are sensitized for specification problems, data problems and violations of the assumptions of the classical linear model (OLS) in order to be able to recognize, to assess and therefore adequately deal with these problems in theory and practice. This enables them to critically assess the use of the estimation methods in scientific work, to work independently on adequate implementation of empirical analyzes and to answer selected (economic) scientific issues if available data with the above-mentioned involved problems. The competences acquired in this course serve as a prerequisite for "Econometrics III", "Microeconometrics" und "Financial Econometrics".</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)            Language of assessment: German and/or English            creditable for bonus</p>		
Allocation of places		
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Additional information		
Research track module in Master's programme IEP		
Workload		
150 h		
Teaching cycle		
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Econometrics 3			12-M-OE3-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Econometrics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>Description:</p> <p>This module deals with advanced econometric methods and concepts based on the classical and the generalized least squares estimator discussed in Ökonometrie I and II (Econometrics I and II). In particular, this includes the instrumental variable (IV) estimator, the generalized method of moments (GMM) estimator, distributed lag models as well as basic methods and concepts used in uni- and multivariate econometric time series analysis, including (non)stationarity, integration and cointegration.</p> <p>Linear algebra is used as formal aid.</p> <p>Syllabus:</p> <ol style="list-style-type: none"><li>1. Error-in-variables</li><li>2. IV estimation</li><li>3. Generalized least squares estimation</li><li>4. Distributed lag models</li><li>5. Stationary uni- and multivariate processes</li><li>6. Deterministic and stochastic trends</li><li>7. Integrated and cointegrated processes</li></ol>			
Intended learning outcomes			
<p>The students acquire thorough understanding of advanced methods and concepts in econometrics. They get familiarized with diverse error-in-variables issues and will be capable of handling them appropriately. After the course, students understand the generalized method of moments (GMM) and the instrumental variable (IV) estimator to the extent that they can discuss their pros and cons, apply these to selected questions in quantitative economics and understand scientific papers using these methods. Furthermore, they become acquainted with selected time series issues, such as distributed lag models, non-stationarity, spurious correlation and cointegrated processes, enabling them to conduct a comprehensive time series analysis. In brief, the course enables students to apply the above mentioned methods and concepts to real life questions, assess their appropriateness and address their theoretical and practical benefits and shortcomings</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
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Additional information			
Research track module in Master's programme IEP			
Workload			
150 h			

<b>Teaching cycle</b>
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Analysis of Financial Market Data		12-M-FMO-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Description:</p> <p>The module covers the fundamentals, methods and concepts for the empirical analysis of financial market data. The concept of market efficiency is explained and critically examined with reference to the random walk hypothesis. To test this hypothesis, a number of parametric and non-parametric methods are proposed and applied in practice. Based on the findings, market microstructure models that can explain some important empirical findings will be discussed. In addition, the course describes event studies for testing the significant impact of corporate news on the share price and discusses issues of univariate time series analysis such as AR(I)MA and ARCH / GARCH models that are indispensable for modelling financial market data. In the final part of the course, CAPM is discussed and examined, in particular with regard to its empirical applicability.</p> <p>Syllabus:</p> <ol style="list-style-type: none"> <li>1. Information efficiency</li> <li>2. Random walk</li> <li>3. Theoretical market models</li> <li>4. Event studies</li> <li>5. Univariate modelling of time series data</li> <li>6. Models to explain volatility (ARCH and GARCH)</li> <li>7. Estimation of the capital asset pricing model</li> </ol> <p>Reading:</p> <p>Alexander, C.: A Guide to Financial Data Analysis, Wiley.</p> <p>Campbell, JY, Lo, AW, MacKinley, AC: The Econometrics of Financial Markets, Princeton University Press.</p> <p>Geyer, A.: Information, Erwartung und Risiko. Aspekte der Verteilung, Abhängigkeit und Varianz von finanzwirtschaftlichen Zeitreihen, Verlag V. Florentz.</p> <p>Hamilton, JD: Time Series Analysis, Princeton University Press.</p> <p>Mills, T.: Econometric Modelling of Financial Time Series, Cambridge University Press.</p> <p>Taylor, S.: Modelling Financial Time Series, Wiley.</p>		
Intended learning outcomes		
Students have significant knowledge of the fundamentals, methods and concepts that are needed for the empirical analysis of financial market data. They can autonomously perform statistical test decisions with statistic programs such as R and critically analyze their economic importance. In addition, the students learn the independent handling of empirical capital market data and at the end of the course, they will have the ability to develop own functions and routines, for example for R.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		

<b>Allocation of places</b>
--
<b>Additional information</b>
Research track module in Master's programme IEP
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Microeconometrics		12-M-MIK-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The course teaches basics, methods and concepts for the analysis of individual data. The scaling of observed data is adequately addressed. The maximum likelihood method, which is important for this type of data, is explained in detail.		
<b>Outline</b>		
What is microeconometrics? Models for qualitatively dependent variables Models for limited dependent variables Time-dependent models		
<b>References</b>		
Greene, W. H.: Econometric Analysis, Philip Alan. Ronning, G.: Microeconometrics, Springer Verlag. Verbeek, M.: Modern Econometrics, Wiley. Winkelmann, R., Boes, S.: Analysis of Microdata, Springer Verlag.		
<b>Intended learning outcomes</b>		
Students have significant knowledge of the maximum likelihood method and the most important models for qualitatively and limited dependent variables. They can autonomously perform estimations with statistic programs such as R and interpret the results meaningfully		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Research track module in Master's programme IEP		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Econometrics</b>		12-M-SOE-182-m01
Module coordinator		Module offered by
Holder of the Chair of Econometrics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module will take the form of a seminar and will cover advanced topics in econometrics. Students will be required to independently familiarise themselves with the respective topics and to present the results of their work both in a seminar paper and orally during a seminar session.		
<b>Intended learning outcomes</b>		
Students are able to analyze independently academic publications on their relevance for a given theme. They can present the results orally and in writing by conventional scientific standards.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 15 pages) and presentation (approx. 25 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 909 / 1020



Module title			Abbreviation
Advanced Microeconomics			12-M-AM-182-m01
Module coordinator		Module offered by	
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>In a nutshell, microeconomic theory considers the behavior of individual economic agents and builds from this foundation to a theory of aggregate economic outcomes, which then can be applied for conducting welfare analysis and giving policy advice. This lecture addresses the core building block of this thought complex: individual decision making and behavior. Specifically, students will come to understand in detail the standard models of riskless consumer choice, choice under risk and intertemporal choice and learn about the empirical challenges and limitations of these models.</p> <p>Throughout the lecture, we will work with precise mathematical formalizations of the ideas that we want to think and talk about. In consequence, a solid understanding of the mathematical toolbox of standard microeconomics (e.g., differential calculus and constrained optimization; basic set theory; integration by parts) will be helpful as it will allow to focus on the underlying economic intuition. However, every required mathematical concept will be introduced and explained along the way, such that a strong interest in formal economic analysis is more important than an advanced mathematical background.</p> <p>The exposition is primarily based on the standard graduate textbooks</p> <ul style="list-style-type: none"><li>• Mas-Colell, Whinston and Green (1995): “Microeconomic Theory”</li><li>• Jehle and Reny (2001): “Advanced Microeconomic Theory”</li></ul>			
Intended learning outcomes			
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"><li>• explain essential findings of microeconomic theory,</li><li>• apply the involved methods to given stylized examples on their own,</li><li>• recognize in which real life situations and how the results can be applied.</li></ul>			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
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Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 910 / 1020

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Contract Theory		12-M-CT-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>During the 1960/70s, microeconomic theory came to acknowledge that many (if not most) economic transactions are characterized by asymmetric distribution of information – i.e., at least one of the parties participating in a transaction usually is privy to information that the remaining parties do not have access to. This asymmetric distribution of information subsequently was recognized to be a major impediment for transactions to be economically efficient. Contract theory addresses the question how the inefficiencies arising from asymmetric distribution of information can best be mitigated by appropriate design of the contractual (or, more generally, institutional) framework that governs the transaction under consideration. This lecture covers the baseline models of “moral hazard” (i.e., situations where one party has private knowledge after a contract has been signed) and “adverse selection” (i.e., situations where one party has private knowledge before a contract is signed). As applications we will address questions discussed in organizational, personnel or industrial economics, such as incentive design within organizations or the design of labor law regulations and competition laws.</p> <p>Even though we will work with precise mathematical formalizations of the ideas that we want to think and talk about, this course requires little more than a solid understanding of basic differential calculus. More important than having a solid mathematical background is having a strong interest in formal economic analysis and fun with logical thinking and puzzle solving.</p> <p>The exposition is primarily based on the following textbook:</p> <ul style="list-style-type: none"> <li>• Laffont and Martimort (2002): "The Theory of Incentives"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of contract theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• interpret the properties of real-life contracts as the outcome of the interaction between two or more contracting parties in the presence of asymmetric information,</li> <li>• evaluate government interventions with regard to their effect on the efficiency properties of the interaction between the contracting parties.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Behavioral Economics		12-M-BEC-182-m01
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Behavioral economics refers to the field of research which, inspired by numerous documented deviations from the rational behavior assumed in neoclassical analysis, tries to improve the psychological realism of the idea of man in economics by incorporating insights from psychology into traditional economic analysis. In this course students will become familiar with several of the most influential behavioral-economic theories of individual decision making, which allows to explain a plethora of empirically documented deviations from the neoclassical model. These behavioral-economic theories usually contain the neoclassical standard model as special case and therefore are to be considered as an extensions of rather than alternatives to the neoclassical model. While the focus of this lecture is on theories of individual decision making, we will explore the implications of these theories also in the context of market settings.</p> <p>As behavioral economics represents an extension of the neoclassical model, a solid understanding of the latter is required for this course. In consequence, the course is intended in particular for advanced students who completed the class "Advanced Microeconomics".</p> <p>While the exposition is primarily based on research articles, some topics of the lecture can be reviewed in the following textbooks:</p> <ul style="list-style-type: none"> <li>• Dahmi (2016): "The Foundations of Behavioral Economic Analysis"</li> <li>• Angner (2012): "A Course in Behavioral Economics"</li> <li>• Wilkinson and Klaes (2012): "An Introduction to Behavioral Economics"</li> <li>• Wakker (2010): "Prospect Theory for Risk and Ambiguity"</li> </ul>		
Intended learning outcomes		
<p>After completing the course students will be able to</p> <ul style="list-style-type: none"> <li>• explain essential findings of behavioral economic theory,</li> <li>• apply the involved methods to given stylized examples on their own,</li> <li>• recognize in which real life situations and how the results can be applied.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Topics in Data Science		12-M-TDS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Data science is concerned with extracting knowledge and valuable insights from data assets. It is an emerging field that is currently in high demand in both academia and industry. This course provides a practical introduction to the full spectrum of data science techniques spanning data acquisition and processing, data visualization and presentation, creation and evaluation of machine learning models.</p> <p>The course focuses on the practical aspects of data science, with emphasis on the implementation and use of the above techniques. Students will complete programming homework assignments that emphasize practical understanding of the methods described in the course.</p>		
Intended learning outcomes		
<p>Topics covered include:</p> <ul style="list-style-type: none"> <li>• Data acquisition and processing</li> <li>• graph and network models</li> <li>• text analysis</li> <li>• working with geospatial data</li> <li>• Usage of machine learning models (supervised and unsupervised)</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 916 / 1020

Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Topics in Information Systems 1		12-M-TIF1-182-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) Information Systems (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 918 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)

Module title			Abbreviation
Topics in Information Systems 2			12-M-TIF2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) term paper (approx. 15 to 20 pages)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 920 / 1020

Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Seminar: Strategic Incentive Design		12-M-ATC-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Contract Theory and Information Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module covers varying classical or recent topics from microeconomics, usually with a focus on decision theory, contract theory or behavioral economics. As a solid understanding of the corresponding basics will be helpful, the course is intended in particular for advanced students who completed the classes "Advanced Microeconomics" and "Contract Theory".		
<b>Intended learning outcomes</b>		
After completing the course students will have gathered experience in <ul style="list-style-type: none"> <li>• reading and understanding theoretical or experimental research articles,</li> <li>• critically analyzing and discussing the results of research articles,</li> <li>• relating the results of different research articles to each other,</li> <li>• conveying their insights both verbally and in writing in accordance with common scientific standards.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 922 / 1020

exchange program Business Management and Economics (2022)

Module title			Abbreviation
Communication in Business and Economics			12-M-BUC-182-m01
Module coordinator		Module offered by	
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
The lecture names introductory relevant communication models. Furthermore, the theoretical models of PR are discussed. The added value of communication for companies, business, politics, and science is explained. The discrepancy between journalism and PR is discussed, as well as the basic elements, instruments, goals, and forms of PR. The preparation and implementation of press meetings, conferences, campaigns, and events will be systematically explained, and the central aspects of corporate communications will be outlined. The exercise deals with the practical implementation of journalistic styles in the various media and provides an overview of the possibilities and concepts of PR work across different media and target groups.			
Intended learning outcomes			
After participating in the module courses, students are able to understand and apply PR and its forms, elements as well as methods and in a holistic context. Students learn professional competencies in the field of (business) communication with regard to reflection, argumentation, and exchange as a PR consultant in different areas. In addition, students will be able to apply concrete PR instruments in practice and prepare them professionally.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 924 / 1020

Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)



Module title		Abbreviation
Business Communication in Print, Online and Social Media		12-M-ECC-182-mo1
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module focuses on the relationship of offer characteristics with benefit aspects for the end consumer and the business models on the part of the providers. Starting from the basics of editorial work and professional text management, the new forms of communication management in social networks are presented. The focus of the lecture is on the use of social media in campaigns (Facebook, Twitter, Instagram, Tiktok). There will also be exercises on various Web 2.0 applications (e.g. online social networks) and on the collection and interpretation of online market research data. However, crisis communication of companies will also be covered in particular opinion-makers on the web as well as protest culture on the web.</p>		
Intended learning outcomes		
<p>By participating in the module courses, students acquire job-specific skills in research and interviewing. Students are able to collect and organize information according to criteria of topicality and relevance. In addition, students are taught journalistic expertise so that they are able to recognize the forms of presentation of news, reports, and background reports with their media characteristics and communicative functions in different media genres and create them themselves. Students will be able to prototype and design a social media campaign, describe the editorial and technical approach including feedback, response, and customer engagement. In addition, students will be able to design counter-strategies for corporate communication crises.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 926 / 1020

Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 Master's degree (1 major) Media Entertainment (2022)  
 Master's degree (1 major) Psychology of digital media (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Modul: Crossmedial Business Communication		12-M-PCW-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Online and cross-media journalism takes into account the current media convergence. This seminar focuses on the individual elements and phases of production for the website, Facebook, Instagram, Twitter, and Tiktok against the background of current trends and developments. In addition, the seminar covers current trends in journalism. In addition to content-related topics, the focus is also on new methods (e.g. of storytelling), as well as technical developments.		
<b>Intended learning outcomes</b>		
After successful completion, students will be able to name the individual phases of online and cross-media journalism and carry them out on sample projects, explain and go through the individual production stages, use methods and tools for the individual steps.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 928 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
Master's degree (1 major) Media Entertainment (2022)  
Master's degree (1 major) Psychology of digital media (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Modul: Audiovisual Business Communication		12-M-PACW-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this seminar, students learn the basics of audiovisual forms of presentation (news, background report, reportage). They are first introduced to the use of cameras and editing. Students learn how to set news and stories in the picture and how to organize shoots. Television-specific journalistic basics such as the structure and design of a television report, organization, and handling of different filming situations, creating storyboards, copywriting, and speaking are learned.		
Intended learning outcomes		
Upon completion of the seminar, students will be able to apply editorial and technical knowledge and skills (including teamwork) to the production of television features.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Media Communication (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 930 / 1020

Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
Master's degree (1 major) Media Entertainment (2022)  
Master's degree (1 major) Psychology of digital media (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Project Modul: Journalism in Economic Policy		12-M-WPJ-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Economic journalism is often regarded as unwieldy, but the reporting usually revolves around content that many media users can relate to: The focus is on market developments and (economic) political conditions. How can these topics be presented in a way that is clear, easy to understand, and yet as precise as possible? What makes for good economic reporting? What research options and forms of presentation are available? Such questions will first be answered using examples from various media. Subsequently, the students will work on the main topic themselves. The seminar is thematically oriented towards current research projects/projects of the Chair of Business Journalism and Business Communication and can therefore vary thematically per semester.		
<b>Intended learning outcomes</b>		
Students learn the terminology, topics, and framework of economic journalism. After completing the seminar, they will have an overview of selected areas of application. They master the research and the different forms of presentation of economic journalism. The students learn scientific methods to break down complex economic topics in reporting. After completing the seminar, students are able to independently examine journalistic products in response to previously generated research questions and thus evaluate journalistic work. Therefore, students acquire subject as well as specific methodological competencies in this seminar.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 3 items with a duration of 3 minutes each, audio/video format): e. g. record of research activities, commentary, text analyses of different types of media Assessment offered: In the semester in which the course is offered Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 932 / 1020

Master's degree (1 major) Media Communication (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 Master's degree (1 major) Media Entertainment (2022)  
 Master's degree (1 major) Psychology of digital media (2022)  
 exchange program Business Management and Economics (2022)



Module title			Abbreviation
Selected Topics in Business Management and Economics 1			12-M-APW1-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or presentation (approx. 30 to 45 minutes)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
<p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 934 / 1020

Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title		Abbreviation
Selected Topics in Business Management and Economics 2		12-M-APW2-161-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"> <li>• courses taken at other German or non-German universities</li> <li>• additional courses offered on a short-term basis</li> <li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li> </ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>		
Intended learning outcomes		
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 936 / 1020

Master's degree (1 major) Information Systems (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title			Abbreviation
Selected Topics in Business Management and Economics 3			12-M-APW3-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
<p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 938 / 1020

Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title			Abbreviation
Selected Topics in Business Management and Economics 4			12-M-APW4-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>a) written examination (approx. 60 to 90 minutes) or b) written examination (questions concerning mathematical methodology; approx. 120 minutes) or c) term paper (approx. 15 to 20 pages) or d) presentation (approx. 30 to 45 minutes)</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
<p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 940 / 1020

Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)



Module title			Abbreviation
Selected Topics in Business Information Systems 1			12-M-AWI1-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Course type: alternatively S instead of V + Ü			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple/single choice questions (approx. 60 minutes) or c) presentation (15 to 20 minutes) with written elaboration (approx. 20 pages), weighted 1:2 or d) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or e) entirely or partly computerised written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 942 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Selected Topics in Business Information Systems 2			12-M-AWI2-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Course type: alternatively S instead of V + Ü			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple/single choice questions (approx. 60 minutes) or c) presentation (15 to 20 minutes) with written elaboration (approx. 20 pages), weighted 1:2 or d) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or e) entirely or partly computerised written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 944 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)

Module title			Abbreviation
Topics in Business Information Systems 1			12-M-ATW1-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This course is a dummy module, e. g. for courses in the area of business informatics taken abroad.			
Intended learning outcomes			
The competences depend on the individual module, which has been taken to transfer these credits to the University of Wuerzburg.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Course type: alternatively S instead of V + Ü			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) and written elaboration (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
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Additional information			
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Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 946 / 1020

Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)

Module title			Abbreviation
Topics in Business Information Systems 2			12-M-ATW2-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
This course is a dummy module, e. g. for courses in the area of business informatics taken abroad.			
Intended learning outcomes			
The competences depend on the individual module, which has been taken to transfer these credits to the University of Wuerzburg.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Course type: alternatively S instead of V + Ü			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) presentation (15 to 20 minutes) and written elaboration (approx. 20 pages), weighted 1:2 or c) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 948 / 1020

Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)



Module title			Abbreviation
Project: Selected Topics in Business Management and Economics I			12-M-APS-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
<p>15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>Master's degree (1 major) Economathematics (2021)</p> <p>Master's degree (1 major) International Economic Policy (2022)</p>			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 950 / 1020

Master's degree (1 major) Management (2022)

Master's degree (1 major) Economathematics (2022)

Module title			Abbreviation
Project: Selected Topics in Business Management and Economics II			12-M-APS2-182-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>This module serves the purpose of transferring credits from</p> <ul style="list-style-type: none"><li>• courses taken at other German or non-German universities</li><li>• additional courses offered on a short-term basis</li><li>• courses offered by new Chairs that are yet to be included in the FSB (subject-specific provisions)</li></ul> <p>The holders of the respective Chairs will ensure that the courses are eligible for credit transfer.</p>			
Intended learning outcomes			
As a result of accrediting multiple kinds of modules, a description of acquired skills cannot be given.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>term paper (approx. 20 pages) and presentation (approx. 20 minutes), weighted 2:1</p> <p>Assessment offered: In the semester in which the course is offered</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>			
Allocation of places			
15 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 952 / 1020

Master's degree (1 major) Management (2022)

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Information Processing within Organizations		12-IV-161-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content:</p> <p>This course provides students with an in-depth overview of the structure and the application areas of business management information systems in enterprises and public institutions.</p> <p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. What is software: concepts, categories, application</li> <li>2. Software life cycle: duration, phases, steps</li> <li>3. As-is analysis: tasks, problems</li> <li>4. To-be concept: system design, data design, dialog design, function design</li> <li>5. Object orientation: paradigm shift</li> <li>6. Change management: meaning, methodologies, project management</li> <li>7. Office automation: tasks, areas of application</li> </ol>		
Intended learning outcomes		
<p>After completing the course "Integrated Information Processing", students will be able to</p> <ul style="list-style-type: none"> <li>(i) understand the importance of integration in enterprises, especially in information systems;</li> <li>(ii) assess the progress of development of a software project, estimate cycle costs, know and consider requirements, which brings a software implementation with;</li> <li>(iii) select the correct procedures or practices in an as-is analysis and target conception and practically apply (with participation in the exercise);</li> <li>(iv) understand the importance of change management and project management and know the appropriate methods for specific applications.</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written examination (approx. 60 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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### Module appears in

Master's degree (1 major) Economathematics (2016)  
 Master's degree (1 major) Business Information Systems (2016)  
 Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Seminar: Marketing and Strategic Communication</b>		o6-MK-SC-EX-182-mo1
Module coordinator		Module offered by
holder of the Professorship of Media and Business Communication		Institute of Human Computer Media
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination of one candidate each (approx. 30 minutes) or c) presentation (15 to 45 minutes) with written elaboration (10 to 15 pages) or d) term paper (15 to 20 pages) or e) portfolio (maximum 20 pages) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
5 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)		

Module title		Abbreviation
Project Module Strategic Entrepreneurship		12-M-PUGF-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This seminar is a primer on academic research. It has been designed to effectively prepare students for conducting empirical research as part of their master thesis projects. The module starts with a crash course on research methods and advanced academic writing. Participants will then choose or otherwise be assigned a research question. Beyond this background, they select an appropriate research design to address the question at hand. This also includes collecting and analyzing primary and/or secondary data, with various datasets being available via our Chair and the University Library. In a final step, participants document their research in the form of a smaller-scale academic article and present the approach and essential insights of their research, thereby providing an excellent opportunity for mutual learning.</p>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Help students understand the role of positioning studies and theoretical modelling</li> <li>• Help students understand the role of different research strategies</li> <li>• Enable students to critically appraise alternative approaches to collecting and analyzing data</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Formulate an adequate research question</li> <li>• Build tentative theoretical models</li> <li>• Choose an appropriate research design to test the model</li> <li>• Document the research in the form of an academic manuscript</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 15 pages) and presentation (one candidate: approx 10 to 15 minutes@ groups of 2: approx 20 minutes; groups of 3: approx. 30 minutes), weighted 2:1            Assessment offered: In the semester in which the course is offered            Language of assessment: German and/or English</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
300 h		



### Teaching cycle

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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### Module appears in

Master's degree (1 major) Management (2018)  
Master's degree (1 major) International Economic Policy (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) International Economic Policy (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing I		12-M-DM1-182-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Digitalization is rapidly changing our lives, including all types of business relationships. Therefore, new opportunities and approaches have emerged in all areas of the marketing mix: Managers can choose from a wide variety of new communication channels, such as social media networks, blogs, or messengers, and can engage in influencer marketing and search engine optimization. They increasingly rely on online customer co-creation or crowd-sourcing and create a wide variety of new digital products and services, often related to completely new business models. Through price crawlers and price setting tools customers' price search behaviors have significantly changed, requiring new price setting techniques. Artificial intelligence enables managers to automatize and optimize many of these marketing processes, thus offering new opportunities and challenges for companies. Overall, digital marketing offers a tremendous variety of concepts and approaches to seize respective opportunities and deal with related challenges, which will be largely highlighted and discussed in this course.</p>		
Intended learning outcomes		
<p>This course provides a broad overview about these new approaches of digital marketing. It explains the underlying concepts of digital marketing and illustrates these approaches and concepts along numerous case studies. After attending this course, students will have a broad as well as in-depth understanding of digital marketing and its tools. Moreover, they will understand of how to implement these tools successfully in business practice.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2) Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus</p>		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)</p>		
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Digital Marketing II		12-M-DM2-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Students are required to put themselves in the following business situation:</p> <p>A large corporation has just recruited you and your team members as the new heads of the marketing department in one of the firm's divisions in order to manage its general and digital marketing activities. Specifically, it is your task to manage the corporation's digital product portfolio, segmentation and positioning as well as its marketing mix strategy over a period of 10 years.</p> <p><b>Structure of the class:</b></p> <ul style="list-style-type: none"> <li>• Long-term business simulation game (details see below) that students will play in groups</li> <li>• Lectures and discussion rounds on strategic approaches to succeed over a duration of 10 periods</li> </ul>		
Intended learning outcomes		
Studierende lernen in diesem Kurs, zentrale Konzepte des Online- und Offline-Marketings gezielt und bezogen auf die jeweilige Unternehmenssituation anzuwenden. Der Kurs bildet somit die Brücke zwischen Theorievermittlung und entsprechende Anwendung in der Unternehmenspraxis.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Assessment offered: In the semester in which the course is offered Language of assessment: English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 961 / 1020

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>E-Commerce I</b>		12-M-EC1-182-mo1
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
E-commerce is a highly relevant field for almost all types of companies. However, the ecommerce approaches and strategies applied by companies differ strongly depending on the respective firm context (e.g., in terms of industry, types of customers, types of products). In this seminar, students analyze the specific e-commerce strategy of a selected firm. In doing so, they evaluate the strategies' current and future potential and make suggestions for improvements and for addressing future trends. Furthermore, each lecture session will contain short presentations where the students (in groups) will either apply selected lecture topics to real-world business cases or present the core aspects of research articles dealing with e-commerce topics in general.		
<b>Intended learning outcomes</b>		
This class enables students to gain insights into real-life e-commerce strategies and to train their abilities in assessing business strategies.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 963 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Empirical HR Research with Stata		12-M-EPF-161-m01
Module coordinator		Module offered by
Holder of the Chair of Human Resource Management and Organisation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The seminar "Empirische Personalforschung" ("Empirical Personnel Economics") introduces and discusses the most important estimation problems and their application in the software package STATA. In addition, students learn, with the help of basic problems of personnel economics, how estimation programs are programmed in STATA.</p> <p>Reading list to be provided in class.</p>		
Intended learning outcomes		
The aim of the seminar is to enable students to understand and apply the most important estimation programmes and their application in STATA with a focus on problems in personnel economics.		
Courses (type, number of weekly contact hours, language — if other than German)		
Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 10 pages)</p> <p>Assessment offered: Once a year as announced</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 965 / 1020



Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Managerial Practice Lectures			12-M-VGP-202-m01
Module coordinator		Module offered by	
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>In this lecture, we invite board members of publicly listed companies, SMEs and Startups to discuss contemporary challenges of corporate management.</p> <p>Students gain sustainable insights into current management practices, challenges of corporate management in various industries, and discuss pressing managerial issues with C-level executives. In individual and group assignments, students are required to connect management theories with the managerial challenges of the speakers.</p> <p>Managers of the different companies are required to address the following questions that will foster a detailed discussion at the end of each lecture:</p> <ul style="list-style-type: none"><li>- What are the current challenges facing your company?</li><li>- Which strategies do you employ to respond to these challenges?</li><li>- How have leadership concepts and approaches changed in your company?</li></ul>			
Intended learning outcomes			
<p>After participating in this module, students should be able to combine theoretical approaches with current challenges in management. The students obtain a realistic insight into a cross-section of the German economy. Through discussions reports and group presentations students' social skills are trained in addition to professional skills.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
portfolio (approx. 15 pages) Language of assessment: German and/or English			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Business Information Systems (2016)			
Master's with 1 major Management (2018)		JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 967 / 1020

Master's degree (1 major) Business Management (2015)  
 Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Marketing Strategy</b>		12-M-MSS-161-m01
Module coordinator		Module offered by
Holder of the Junior Professorship of Digital Marketing and E-Commerce		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured paper and to present the results of their work with the help of relevant topics in the fields of strategic marketing and strategic management.		
Reading: will vary according to topic		
<b>Intended learning outcomes</b>		
After completing the course "Marketing Strategie", students will be able to 1. understand the fundamentals of scientific literature reviews; 2. integrate elaborated content in a scientific thesis; 3. create presentations independently.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 969 / 1020

Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Financial Accounting and Auditing</b>		12-M-SER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Financial Accounting		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
The module provides students with more in-depth insights into current problems of external accounting and auditing, usually using scientific primary literature in English or German language.		
<b>Intended learning outcomes</b>		
After completion of the module, participants have (i) consolidated the learned issues and possibly applied additional techniques of scientific work; (ii) created and defended a qualifying level relevant scientific work; (iii) conducted a scientific examination of the work results of other seminar participants; (iv) the ability to present and develop solution-oriented their own performance adequately considering communicative aspects.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) + S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
<b>Allocation of places</b>		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 971 / 1020

Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Econometrics (2021)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Advanced Seminar: Selected Problems in Analytical Tax Research</b>		12-M-SSL-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
In this seminar, current problems of tax research will be analysed. Usually, students will read and discuss research papers in German and/or English language. Although the seminar will be held in German, individual seminar papers may be written and discussed in English if a participant prefers this to German.		
<b>Intended learning outcomes</b>		
After the seminar, students are able <ul style="list-style-type: none"> <li>• to analyze a complex issue in taxation using research methods,</li> <li>• to identify problems and to suggest solutions,</li> <li>• to formulate and to defend their analysis and suggested solutions.</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English		
<b>Allocation of places</b>		
10 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 973 / 1020



Master's degree (1 major) China Language and Economy (2021)  
Master's degree (1 major) Economathematics (2021)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Economathematics (2022)  
exchange program Business Management and Economics (2022)

Module title			Abbreviation
Advanced Seminar: Enterprise Systems			12-M-ES-161-m01
Module coordinator		Module offered by	
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the fields of information systems and enterprise systems.			
Reading: will vary according to topic			
Intended learning outcomes			
After completing the course "Enterprise Systems", students will be able to 1. understand the fundamentals of scientific literature reviews; 2. integrate elaborated content in a scientific thesis; 3. create presentations independently.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Language of assessment: German and/or English			
Allocation of places			
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.			
Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016)			
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Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Business Analytics		12-M-BUA-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the field of business management decision models and methods and their application in the development of decision-support systems as well as analytical information systems and quantitative methods of data analysis.</p> <p>Students work on current topics using methods from machine learning, mathematical optimization and simulation.</p>		
Intended learning outcomes		
<p>The module provides students with knowledge of:</p> <ul style="list-style-type: none"> <li>• Scientific literature</li> <li>• Implementation of methods in code</li> <li>• Integration of developed results in scientific papers</li> <li>• Creating presentations and lectures</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1            Assessment offered: Once a year, winter semester            Language of assessment: German and/or English</p>		
Allocation of places		
<p>20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Economathematics (2016)            Master's degree (1 major) Business Information Systems (2016)            Master's degree (1 major) Business Management (2015)            Master's degree (1 major) China Business and Economics (2016)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 977 / 1020

Master's degree (1 major) International Economic Policy (2015)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
<b>Seminar: E-Business Strategies</b>		12-M-SEBS-161-m01
Module coordinator		Module offered by
Holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this course, students will acquire important knowledge and skills that will enable them to prepare a well-structured term paper and to present the results of their work with the help of relevant topics in the fields of web-based platforms (electronic markets, Web 2.0 etc.) and strategic management of a company.		
Intended learning outcomes		
<ul style="list-style-type: none"> <li>- Academic literature review</li> <li>- Integration of developed results in scientific papers</li> <li>- Creating presentations and talks</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (approx. 20 to 25 pages) and presentation (approx. 20 minutes), weighted 2:1 Assessment offered: Once a year, winter semester Language of assessment: German and/or English		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) Information Systems (2019)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 979 / 1020

Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Seminar: Entrepreneurship and Management		12-M-SAS-182-m01
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Students develop seminar papers on varying topics in the domain of entrepreneurship, strategy, and innovation and present the key insights from their work.		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Enable students to position their research</li> <li>• Enable students to critically review a substantial body of literature in short time</li> <li>• Enable students to develop a sound theoretical framework</li> <li>• Enable students to create a research paper fully meeting academic standards</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Differentiate their research from previous work</li> <li>• Adopt theoretical perspectives to understand complex phenomena</li> <li>• Engage in comprehensive academic reasoning</li> <li>• Articulate abstract and complex phenomena and relationships in written and oral form</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>term paper (approx. 20 pages) and presentation (15 to 30 minutes), weighted 2:1</p> <p>Assessment offered: Once a year, winter semester</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
20 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 981 / 1020



Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Economathematics (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Economathematics (2022)  
 exchange program Business Management and Economics (2022)

Module title		Abbreviation
Practical Seminar: Economic Journalism		12-M-SWJ-182-m01
Module coordinator		Module offered by
Holder of the Professorship of Economic Journalism		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Students will acquire an in-depth insight into the practical side of economics journalism. They must complete their placements at company or other institution at which they will have an opportunity to gain an in-depth knowledge of economics journalism. Students will be required to prepare a practical report on the placement module as well as to submit proof of regular attendance and participation. In addition, a certificate issued by the placement company is to be submitted.		
<b>Intended learning outcomes</b>		
The module strengthens practical competences and encourages work experiences. So it prepares for the career start in economics journalism.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio on observation visit, including work samples (approx 40 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Applied Empirical Macroeconomics		12-M-AEM-211-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module introduces students to current topics and methods in applied empirical macroeconomics. This includes an overview of topical macroeconomic issues and empirical regularities as well as multivariate time series methods that are widely used in empirical applications.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each winter term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
After completing the module, students have obtained an overview of empirical methods used in applied empirical macroeconomic analysis. Besides a theoretical knowledge of commonly used empirical models and a critical discussion of their limitations, students should also be able to conduct empirical analyses themselves.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or</p> <p>b) term paper (approx. 15 pages) or</p> <p>c) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes)</p> <p>Language of assessment: English</p> <p>creditable for bonus</p>		
Allocation of places		
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Additional information		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
<b>Business Cycles</b>		12-M-BC-211-m01
Module coordinator		Module offered by
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This module is an introduction to dynamic macroeconomic models with microeconomic foundations with a focus on modern business cycle theories. The course is divided into several sections. Following an introduction to empirical facts on business cycles, the students are introduced to microeconomic foundations of macroeconomic models. Afterwards, the real business cycle model and the New Keynesian model and their connections are covered. Finally, the models are applied to current macroeconomic topics.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>		
Intended learning outcomes		
Students will acquire a basic understanding of modern business cycle theory. Students gain expertise on business cycle theory as well as on macroeconomic modeling. Having completed the module, students will be able to understand current business cycle development, apply business cycle models to analyze these and to develop appropriate policy measures.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or  b) term paper (approx. 15 pages) or  c) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes)  Language of assessment: English  creditable for bonus</p>		
Allocation of places		
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<b>Additional information</b>
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)

Module title		Abbreviation
Advanced Topics in Data Science		12-M-ATDS-211-m01
Module coordinator		Module offered by
Holder of the Chair of Business Analytics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
In this course, students work on advanced data science projects. The course covers the entire data science workflow from data collection to data preparation to modeling, evaluation and deployment. By following a top-down teaching approach, students are enabled to apply complex machine learning models from the beginning.		
Intended learning outcomes		
<p>As part of the course work, students will acquire knowledge and skills in the following areas:</p> <ol style="list-style-type: none"> <li>1. Becoming familiar with the principles and frameworks in the research area of Data Science.</li> <li>2. Apply machine learning and deep learning frameworks to structured and unstructured data</li> <li>3. Design, implementation and evaluation of key algorithms within an end-to-end workflow in the field of Data Science</li> <li>4. Application of Jupyter notebooks and their infrastructure (collection, storage, retrieval, and analysis of data)</li> <li>5. Understanding of a data-driven &amp; analytical approach to decision problems</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)</p> <p>Language of assessment: German and/or English</p> <p>Assessment offered: Only when announced in the semester in which the courses are offered</p> <p>creditable for bonus</p>		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) International Economic Policy (2018)</p> <p>Master's degree (1 major) Information Systems (2019)</p> <p>Master's degree (1 major) China Business and Economics (2021)</p> <p>Master's degree (1 major) China Language and Economy (2021)</p> <p>exchange program Business Management and Economics (2022)</p>		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 988 / 1020

Module title		Abbreviation
International Marketing Strategy		12-M-IMS-211-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>The objective of this simulation course is to develop hands-on skills of how to make international marketing decisions. Emphasis is put on the computer simulation game Country Manager which focuses on the managerial issues arising when companies plan and execute market entry into new countries. This exercise allows students to experience the challenges pertaining to corresponding decisions by playing the role of a responsible manager for a major consumer products company. Students have to decide on the countries to enter, the mode of entry, the segments to target, and every aspect of the marketing mix (price, promotion, place and product) and will get immediate feedback on the consequences of their actions.</p>		
<b>Intended learning outcomes</b>		
<p>After completion of the course, participants should have gained a broad appreciation of critical decisions in international marketing.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (40 to 60 minutes) or  b) term paper (15 to 20 pages) and presentation (approx. 20 minutes) (weighted 2:1) or  c) term paper (30 to 40 pages) or  d) portfolio (approx. 20 pages)  Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Management (2018)  Master's degree (1 major) International Economic Policy (2018)  Master's degree (1 major) Information Systems (2019)  Master's degree (1 major) China Business and Economics (2021)  Master's degree (1 major) China Language and Economy (2021)  exchange program Business Management and Economics (2022)</p>		



Module title		Abbreviation
Economist Practice Lectures		12-M-VWP-211-m01
Module coordinator		Module offered by
Holder of the Senior Professorship for Economics, Money and International Economic Relations		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
<p>The content of the seminar is the active participation in as well as the follow-up of the lectures of economists from different national and international fields of activity, which are organized for the event.</p> <p>The invitation of speakers from practice strengthens the practical orientation of the scientifically founded and at the same time internationally oriented education at the faculty of economics of the University of Würzburg.</p> <p>In this way, students will gain lasting insights into the fields of activity of economists, gain an insight into practical activities, discuss these with high-ranking economists and combine them with theoretical economic knowledge gained during their studies.</p>		
<b>Intended learning outcomes</b>		
<p>By participating in the seminar, Master's students of the faculty of economics and business administration should get to know the different fields of activity of economists and the questions that determine the daily work of the speakers in the course of the lectures.</p> <p>In addition, the participants of the seminar will have the opportunity to apply the knowledge of economics they have acquired during their studies. For this purpose, in addition to a discussion with the speakers following the respective lecture, a debating workshop is offered to the participants of the seminar, in which the students are to learn economic argumentation and debate management. The learned contents and competencies will be tested at the end of the semester.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or</p> <p>b) term paper (approx. 10 pages) and presentation (approx. 15 minutes); (weighted 2:1) or</p> <p>c) written examination (approx. 60 minutes)</p> <p>Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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#### Module appears in

Master's degree (1 major) Management (2018)  
 Master's degree (1 major) International Economic Policy (2018)  
 Master's degree (1 major) Information Systems (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Information Systems (2022)  
 Master's degree (1 major) International Economic Policy (2022)  
 Master's degree (1 major) Management (2022)

Module title		Abbreviation
Industrial Management 5		12-M-NMA-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
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Module title		Abbreviation
Industrial Management 6		12-M-NMB-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (4) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 40 to 60 minutes) or b) presentation (approx. 20 minutes) and term paper (15 to 20 pages), weighted 1:1 or c) term paper (approx. 30 to 40 pages) or d) portfolio (approx. 50 hours) Language of assessment: German and/or English Assessment offered: Only when announced in the semester in which the courses are offered creditable for bonus		
Allocation of places		
20 places. Should the number of applications exceed the number of available places, places will be allocated as follows: (1) Students who already have successfully completed courses offered by the Chair of Business Economics and Industrial Management will be given preferential consideration. (2) Among applicants with the same number of successfully completed modules, places will be allocated according to the total number of ECTS credits achieved in courses of BWL und Industriebetriebslehre (Business Economics and Industrial Management). (3) Among applicants with the same number of ECTS credits, places will be allocated according to the average grade in courses mentioned in (2). (4) Among applicants with the same average grade, places will be allocated by lot.		
Additional information		
Module can be taught in form of E Learning course or as a block.		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 994 / 1020

Master's degree (1 major) Economathematics (2022)

Module title		Abbreviation
Information Systems and Artificial Intelligence 1		12-M-KI1-221-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
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<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) or c) term paper (approx. 15 to 20 pages) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Information Systems and Artificial Intelligence 2		12-M-KI2-221-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) oral examination in groups of up to 3 candidates (approx. 10 minutes per candidate) or c) term paper (approx. 15 to 20 pages) Language of assessment: German and/or English Assessment offered: In the semester in which the course is offered creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)		



Module title			Abbreviation
Topics in Macroeconomics			12-M-TM-221-mo1
Module coordinator		Module offered by	
--		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	--	--	
Contents			
--			
Intended learning outcomes			
--			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
--			
Module appears in			
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)			

Module title		Abbreviation
Vertical Storytelling		12-M-VS-221-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
--		
Intended learning outcomes		
--		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 5 pages) Assessment offered: every year, summer semester		
Allocation of places		
--		
Additional information		
--		
Workload		
300 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Corporate Strategy		12-M-UGF2-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Entrepreneurship and Strategy		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>This theory-led and application-oriented module provides you with critical knowledge and skills related to corporate strategy—essential for anyone aspiring to take on leadership roles in their future career, may it be in the private or public sector. The module goes beyond basic knowledge about strategic management provided by bachelor-level modules.</p> <ol style="list-style-type: none"> <li>(1) Developing strategies in pursuit of competitive advantage</li> <li>(2) Corporate diversification</li> <li>(3) Vertical integration and outsourcing</li> <li>(4) Mergers &amp; acquisitions</li> <li>(5) Dynamic strategies</li> <li>(6) Cooperative strategies</li> <li>(7) Corporate spin-offs and spin-outs</li> <li>(8) Internationalization strategies (I)</li> <li>(9) Internationalization strategies (II)</li> <li>(10) Strategic change</li> <li>(11) Corporate strategies and new technologies</li> <li>(12) Corporate governance and corporate social responsibility</li> <li>(13) Corporate communication and crisis management</li> <li>(14) Wrap-up and Q&amp;A</li> </ol>		
Intended learning outcomes		
<p><i>Educational aims</i></p> <ul style="list-style-type: none"> <li>• Clarify the role of corporate strategy</li> <li>• Explain theoretical concepts and mechanisms behind corporate strategy</li> <li>• Enable students to critically appraise alternative approaches to corporate strategy</li> <li>• Enable students to evaluate the boundaries and risks of corporate strategy</li> </ul> <p><i>Learning outcomes</i></p> <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Assess the role of corporate strategy for creating and sustaining competitive advantage</li> <li>• Create and evaluate concepts related to corporate strategy</li> <li>• Make judgements about the organizational and managerial implications of corporate strategy</li> </ul>		
Master's with 1 major Management (2018)		page 1000 / 1020

<ul style="list-style-type: none"> <li>• Systematically choose between different routes of action</li> </ul>
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)
V (2) + Ü (2) Module taught in: English
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) or c) oral examination of one candidate each (approx. 10 to 15 minutes) or oral examination in groups (groups of 2 approx. 20 minutes, groups of 3 approx. 30 minutes) Language of assessment: English
<b>Allocation of places</b>
--
<b>Additional information</b>
--
<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)

Module title			Abbreviation
International Financial Management			12-M-IFM-222-m01
Module coordinator		Module offered by	
Holder of the Chair of Monetary Policy and International Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The module introduces students to the financial management of firms engaged in a globalized business environment. Topics include the foreign exchange market, the international monetary system as well as the determination of exchange rates and foreign currency risk. The module also covers international capital markets and familiarizes students with methods and data sources required for the analysis of international financial markets.</p> <p>Format of the module: lectures and exercise sessions</p> <p>Prerequisites: Basic knowledge of microeconomics and macroeconomics as taught in Bachelor programs in Economics, Business or similar fields.</p> <p>Usability: Master International Economic Policy, Master Management</p> <p>Requirements for getting credit points according to the European Credit Transfer System (ECTS): Passing the final exam.</p> <p>ECTS and grading: 5 ECTS, Grading on a scale from 1-5 based on the final exam.</p> <p>Frequency of the module: Each summer term</p> <p>Workload: 150 hours (Lecture + Exercise Session + Self Study)</p> <p>Duration: 1 Semester</p>			
Intended learning outcomes			
Students who complete the module will have a basic understanding of the theoretical and practical aspects of international financial management. Moreover, they should also be able to understand current developments in financial markets and interpret them using the theoretical foundations and practical examples covered in the module.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + Ü (2) Module taught in: English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
written examination (approx. 60 minutes) Language of assessment: English creditable for bonus			
Allocation of places			
--			
Additional information			
--			

<b>Workload</b>
150 h
<b>Teaching cycle</b>
--
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
--
<b>Module appears in</b>
Master's degree (1 major) Management (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022)

Module title		Abbreviation
<b>Seminar: Topics in Economics and Ethics of Artificial Intelligence</b>		12-M-TEE-231-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
<b>Contents</b>		
--		
<b>Intended learning outcomes</b>		
--		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
term paper (15 to 20 pages) and presentation (approx. 30 minutes); weighted 60:40 Language of assessment: English		
<b>Allocation of places</b>		
20 *WA1 (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Econometrics (2021) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) exchange program Business Management and Economics (2022)		

Module title		Abbreviation
Project Management and Control		12-M-PROM-182-mo1
Module coordinator		Module offered by
Holder of the Chair of Business Management, Management Accounting and Control		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The module focuses on the discussion and critical examination of instruments and methods used in the context of project management and control within enterprises. Both classic and agile approaches to project management are considered. It covers characteristic features and structures of projects, their possible success factors, methods and instruments of control and management of projects in various project phases. The theoretical basis as well as potential applications of these instruments are discussed.		
Intended learning outcomes		
Initially, knowledge about fundamental requirements concerning instruments of project management and control is acquired. What is more, the module conveys knowledge about strengths and weaknesses and therewith fields of application and limits of commonly used instruments and methods of practitioners. Competences within the configuration and development of the project management and control as well as skills within the practical use are obtained.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English creditable for bonus		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Information Systems (2022)		
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Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Organizational Economics and Digital Transformation		12-M-OEDT-231-mo1
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English Creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)		

Module title		Abbreviation
Topics in Empirical Economics		12-M-TE-231-m01
Module coordinator		Module offered by
--		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	--	--
Contents		
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Intended learning outcomes		
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Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
portfolio (approx. 50 hours) Prüfungssprache: Englisch Creditable for bonus		
Allocation of places		
12 *WA1(1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) International Economic Policy (2018) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) Information Systems (2022) Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022)		

Module title		Abbreviation
Tax-Optimized Business Organization		12-M-RFW-222-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
This course deals with tax aspects of the choice and change of legal form of business activities. Static and dynamic models are used to calculate the effective tax burden from ongoing business activities but also from a-periodic measures like divestments, mergers, or changes of the legal form. Our perspective is that of an investor resident in Germany investing in incorporated and unincorporated businesses in Germany and abroad.		
Intended learning outcomes		
This course enables students to (i) analyze and evaluate the tax effects of business activities in different legal forms from an investor's perspective; (ii) calculate the tax burden from ongoing business activities in Germany and abroad; (iii) calculate the tax burden from a-periodic events like divestments, purchases, mergers, and changes of legal form.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 60 minutes) or term paper (approx. 15 pages) and presentation of term paper (approx. 20 minutes), weighted 60:40 Assessment offered: To be announced Language of assessment: German and/or English creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Management (2018) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022)		

Module title		Abbreviation
Tax Accounting		12-M-STB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module introduces the various methods of income recognition in the German Income Tax Code ( <i>Einkommensteuergesetz</i> , EStG). It discusses the main reporting and valuation provisions as well as the specific problems and techniques of income calculation for partnerships.		
<b>Intended learning outcomes</b>		
Students have in-depth knowledge of tax accounting of companies and are able to solve moderate to complex problems of tax accounting in particular of sole proprietorships and partnerships using legal source.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) or c) oral examination of one candidate each (approx. 20 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Economathematics (2016) Master's degree (1 major) Business Information Systems (2016) Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) International Economic Policy (2015) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) Information Systems (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021)		
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Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Information Systems (2022)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

Module title		Abbreviation
Case Studies on Business Taxation		12-M-FER-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
This module offers a cross-sectional view of business taxation by means of case studies which will be prepared by participants in advance and will be discussed in class. The focus will be on German income taxation, income calculation for tax purposes, taxation of partnerships as well as tax problems of foreign activities of German companies.		
<b>Intended learning outcomes</b>		
Students deepen their knowledge of the German tax law. They are enabled to solve complex tax problems on their own.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 120 minutes) Language of assessment: German and/or English creditable for bonus		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) China Business and Economics (2016) Master's degree (1 major) China Language and Economy (2016) Master's degree (1 major) Management (2018) Master's degree (1 major) China Business and Economics (2019) Master's degree (1 major) China Language and Economy (2019) Master's degree (1 major) China Business and Economics (2021) Master's degree (1 major) China Language and Economy (2021) Master's degree (1 major) Economathematics (2021) Master's degree (1 major) Management (2022) Master's degree (1 major) Economathematics (2022) exchange program Business Management and Economics (2022)		
Master's with 1 major Management (2018)	JMU Würzburg • generated 11-Mai-2023 • exam. reg. data record Master (120 ECTS) Management - 2018	page 1012 / 1020

Module title		Abbreviation
International Taxation		12-M-IB-161-m01
Module coordinator		Module offered by
Holder of the Chair of Business Taxation		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The module discusses tax aspects (legal facts as well as economic effects) of cross-border business activities. Students become familiar with the principles of international taxation, relevant aspects of German income tax law, the function of double taxation treaties as well as recent developments of taxation within the European Union (mostly triggered by the Court of Justice of the European Union). The topics are introduced in the form of lectures. Complex case studies are used for an in-depth discussion of selected aspects.</p>		
Intended learning outcomes		
<p>After completion of the module students are able</p> <ul style="list-style-type: none"> <li>(i) to assess tax issues of cross-border business activities and develop structured solutions;</li> <li>(ii) to assess the economic effects of rules of international tax law on its own;</li> <li>(iii) systematically apply double tax treaties.</li> </ul> <p>The students have knowledge of the basics of international taxation and the German international tax law. They are able to judge and to analyze, using the relevant sources of law complex, case studies on the taxation of cross-border business activities independently and to develop design proposals for the solution.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages), presentation of term paper (approx. 20 minutes), weighted 3:2  Assessment offered: To be announced  Language of assessment: German and/or English  creditable for bonus</p>		
Allocation of places		
<p>12 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Business Management (2015)		
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Master's degree (1 major) China Business and Economics (2016)  
 Master's degree (1 major) China Language and Economy (2016)  
 Master's degree (1 major) Management (2018)  
 Master's degree (1 major) China Business and Economics (2019)  
 Master's degree (1 major) China Language and Economy (2019)  
 Master's degree (1 major) China Business and Economics (2021)  
 Master's degree (1 major) China Language and Economy (2021)  
 Master's degree (1 major) Econometrics (2021)  
 Master's degree (1 major) Management (2022)  
 Master's degree (1 major) Econometrics (2022)  
 exchange program Business Management and Economics (2022)

Module title			Abbreviation
Employment Law			12-M-AFW-161-m01
Module coordinator		Module offered by	
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
2 semester	graduate	--	
Contents			
Contents: employment and labour law and works constitution law incl. collective agreement law			
Employment and Labour law			
Legal sources of employment and labour law			
Definitions, employment and labour law, employees			
The employment contract			
<ul style="list-style-type: none"><li>• Job application, permissible and impermissible questions in job interviews, consequences of lying, contesting the employment contract</li><li>• General Equal Treatment Act, claims for damages by applicants</li><li>• Conclusion of an employment contract, form, evidence under the Law of Proof of Substantial Conditions Applicable to the Employment Relationship</li><li>• Contents of the employment contract, company practice, overall commitment, reservation of the right of voluntariness and revocation</li><li>• General terms and conditions of business and control of terms and conditions of employment, invalid clauses and their consequences</li><li>• Limitation of the term of the employment contract, fixed term employment contracts</li></ul>			
Rights and duties arising from the employment relationship			
<ul style="list-style-type: none"><li>• Primary and secondary duties</li><li>• Employer's right to issue instructions, permissible and impermissible instructions</li><li>• Sickness, obligations to report and provide evidence under the Continued Remuneration Act</li><li>• Secondary employment, prohibition of competition, duty of confidentiality, occupational health and safety</li><li>• Granting of holiday leave</li><li>• Continued payment of wages in the event of illness, restrictions</li></ul>			
Severe disability, special rights and protection against dismissal			
Working hours and the Working Hours Act			
The warning, formal and material requirements, consequences			
Termination of employment			
<ul style="list-style-type: none"><li>• Termination agreement</li><li>• Termination of employment</li><li>• Formal requirements</li><li>• Ordinary and extraordinary termination by the employer</li><li>• Behavioral termination</li><li>• Person-related (illness-related) dismissal</li></ul>			
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- Dismissal for operational reasons
- Special protection against dismissal

### **Works constitution law incl. collective bargaining law**

Legal sources of works constitution law

Definitions, company, works council, employee

The works council and its role

- Works council elections
- Start, end, duration of term of office
- Legal status of members, honorary office, leave of absence, special protection against dismissal
- Entitlement for training, works council costs
- Works meetings
- General works council, group works council, youth/apprentice representation

Material co-determination of the works council, participation

- Information rights (access to gross pay roll, expert advice)
- Consultation rights (consultation before each dismissal, right to object)
- Consultation rights (involvement of the economic committee, changes in operations)

Co-determination in the narrower sense

- Rights of consent and objection (staff questionnaire, selection guidelines, recruitment, transfers)
- Refusal of consent, legal proceedings Substitution of consent

Co-determination rights

- Enforceable co-determination, conciliation board, composition, procedure, decision
- Mandatory co-determination rights of works council, e.g. regarding
- Conduct of the workplace (smoking and alcohol bans, formalized sick leave talks, occupational integration management)
- Working hours, breaks, shift and flexi-time models, overtime, short-time work
- Holidays, company holidays
- Technical equipment for monitoring (time recording, access systems, video surveillance, telephone and internet use, skills database)
- Occupational health and safety
- Social facilities (canteen, company kindergarten)
- Company wage structure, remuneration (piece rates, bonuses)
- Company changes, reconciliation of interests and social plan

### **Collective bargaining law**

Definition, contractual and normative part, legal effect

Application of collective agreements, parties of collective agreements

Dynamic and static clauses referring to a collective agreement

Collective agreement and company agreements, blocking effect of collective agreement

Collective arbitration board in cases of compulsory works council co-determination

### **Intended learning outcomes**

**At the end of this course, students will have the following competences:**

Students gain solid basic knowledge of employment and labour law, the works council and its tasks and an overview of collective agreement law. At the same time, methodically and substantively sound legal knowledge is conveyed and practical relevance is established with case studies and current case law.

By working on an exam in the form of a legal opinion, the students are taught to solve a demanding legal issue with legal problems in a given time. Within a narrow thematic field and a time-limited framework, they are able to work on a legal issue in a well-founded and largely independent manner.

Within the framework of the term paper on a judgement of the Federal Labour Court, the students deal with a concrete case and the case law of the highest German labour court. They are familiarised with the methods of legal work and are enabled to work independently in a problem-solving manner. In addition to understanding the facts of the case and the legal problems, they will focus primarily on the consequences of the judgement for their practice. Here, the legal knowledge imparted will be implemented with a practical approach and the opportunity to creatively develop their own recommendations on how to deal with the judgement. In addition, the students present the case and their own conclusions for practice. In the group discussion, the other students have the opportunity to gather further knowledge and actively participate in the exchange of opinions on current judgements and case law.

The knowledge imparted is relevant for a wide range of professional fields of activity and is especially valuable for students who will work in the field of human resources or are interested in the field of employee management.

**Courses** (type, number of weekly contact hours, language — if other than German)

S (2)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

[a] written examination (approx. 120 minutes) and b) talk (approx. 30 minutes), weighted 3:2] or [a] written examination (approx. 120 minutes) and b) presentation (approx. 15 minutes) and c) written elaboration of presentation (approx. 10 pages), weighted 3:1:1]

#### Allocation of places

30 places. (1) Should the number of applications exceed the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (2) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (3) A waiting list will be maintained and places re-allocated by lot as they become available.

#### Additional information

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#### Workload

150 h

#### Teaching cycle

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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#### Module appears in

Master's degree (1 major) Economathematics (2016)  
Master's degree (1 major) Business Management (2015)  
Master's degree (1 major) China Business and Economics (2016)  
Master's degree (1 major) International Economic Policy (2015)  
Master's degree (1 major) China Language and Economy (2016)  
Master's degree (1 major) Management (2018)  
Master's degree (1 major) China Business and Economics (2019)  
Master's degree (1 major) China Language and Economy (2019)  
Master's degree (1 major) China Business and Economics (2021)  
Master's degree (1 major) China Language and Economy (2021)

Master's degree (1 major) Econometrics (2021)  
Master's degree (1 major) Management (2022)  
Master's degree (1 major) Econometrics (2022)  
exchange program Business Management and Economics (2022)

# Thesis

(30 ECTS credits)

Module title		Abbreviation
Master Thesis Business Management		12-M-THB-161-m01
Module coordinator		Module offered by
Dean of the Faculty of Business Management and Economics		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
30	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
<b>Contents</b>		
Students will complete their degree with a Master's thesis in which they will be required to independently research and write on a topic in the area of business management and economics, drawing on the subject-specific knowledge they have acquired and adhering to the principles of good scientific practice. This thesis may either take the form of an analysis and structured presentation of the existing literature on a certain topic or may, as is often the case, also include a presentation of the students' own original achievements, e. g. new algorithms developed by students or the (further) development of a theoretical model.		
<b>Intended learning outcomes</b>		
In the master thesis students prove that they can plan and carry out a science-based work to solve a particular problem within a specified period autonomously and to document the results in accordance with the professional scientific standards in writing. Students are able to understand relevant contributions to research and professional practice, critically analyze and assess the relevance to their own specific questions. They can assess and recognize major lines of development and dynamics of the subject and therefore also the need to retrain continuously.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
No courses assigned to module		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
Master's thesis (approx. 60 to 80 pages) Registration on a continuous basis as agreed upon with supervisor. Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Time to complete: 6 months.		
<b>Workload</b>		
900 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Business Management (2015) Master's degree (1 major) Management (2018)		