Curriculum[1]
Data Science (M.Sc.) 120 CP
For Intakes starting Winter Term 2021/22

Module / Course	Kind of Module / Method of Teaching	Credit Points per Semester				Credit-points per module	Hours per week (HWS)	Workload (in h)			Language	Weight of exam related to final grade	Form of Examination
		1.	2.	3.	4.			Total	Hours in Class	Hours Self-Study			
Data Analytics	M					5					English	4,35%	Project work
	L	5					3	125	36	89			
Data Engineering	M					5					English	4,35%	Presentation
	L	5					3	125	36	89			
Decision Support Systems	M					5					English	4,35%	Project work
	I	5					3	125	36	89			
Data Science & Business	M					5					English	4,35%	Project work
	L	5					3	125	36	89			
Entrepreneurial Thinking & Digital Models	M					5					English	4,35%	Written assignement
	L	5					3	125	36	89			
Contemporary Leadership Culture	M					5					English	4,35%	Presentation
	S	5					3	125	36	89			
Cloud Computing	M					5					English	4,35%	Presentation
	I		5				3	125	36	89			
Machine Learning	M					5					English	4,35%	Project work
	I		5				3	125	36	89			
Data Visualization	M					5					English	4,35%	Project work
	I		5				3	125	36	89			
Marketing Analytics	M					5					English	4,35%	Presentation
	L		5				3	125	36	89			
Cultural Studies	M					5					English	4,35%	Presentation
	S		5				3	125	36	89			
Interdisciplinary Elective	CE					5					English	4,35%	(defined by module)
			5				3	125	36	89			
Capstone Project	M					15					English	13,04%	Project work
	P			15			3	375	36	339			
Advanced Research Methodologies	M					5					English	4,35%	Project work
	S			5			3	125	36	89			
Speculative Futures	M					5					English	4,35%	Written exam
	I			5			3	125	36	89			
Applied Business Coaching	M					5					English	4,35%	Presentation
	S			5			3	125	36	89			
Master Thesis	M					25					English	21,74%	Thesis
	TH				25			625		625			
Master Thesis Colloquium	M					5					English		Presentation
	C				5		1	125	12	113			
Total		30	30	30	30	120	49	3.000	588	2.412		100,00%	

[1] due to changes

List of abbreviations

Kind of module: M = mandatory, CE = compulsory elective

Method of teaching: L = Lecture; S = Seminar; I = Integrated (Mix of Lecture, Seminar, Exercise, Workshop); P = Project; TH = Thesis; C = Colloquium

HWS: Hours per week (1 hour = 45 min.)

Faculty or university wide module

Curriculum[1]
Data Science (M.Sc.) 90 CP
For Intakes starting Winter Term 2021/22

Module / Course	Kind of Module / Method of Teaching	Credit Points per Semester			Credit-points per module	Hours per week (HWS)	Workload (in h)			Language	Weight of exam related to final grade	Form of Examination
		1.	2.	3.			Total	Hours in Class	Hours Self-Study			
Data Analytics	M				5					English	5,75%	Project work
	L	5				3	125	36	89			
Data Engineering	M				5					English	5,75%	Presentation
	L	5				3	125	36	89			
Decision Support Systems	M				5					English	5,75%	Project work
	I	5				3	125	36	89			
Data Science & Business	M				5					English	5,75%	Project work
	L	5				3	125	36	89			
Entrepreneurial Thinking & Digital Models	M				5					English	5,75%	Written assignment
	L	5				3	125	36	89			
Contemporary Leadership Culture	M				5					English	5,75%	Presentation
	S	5				3	125	36	89			
Cloud Computing	M				5					English	5,75%	Presentation
	I		5			3	125	36	89			
Machine Learning	M				5					English	5,75%	Project work
	I		5			3	125	36	89			
Data Visualization	M				5					English	5,75%	Project work
	I		5			3	125	36	89			
Marketing Analytics	M				5					English	5,75%	Presentation
	L		5			3	125	36	89			
Cultural Studies	M				5					English	5,75%	Presentation
	S		5			3	125	36	89			
Interdisciplinary Elective	CE				5					English	5,75%	(defined by module)
			5			3	125	36	89			
Advanced Research Methodologies	M				5					English	5,75%	Project work
	S			5		3	125	36	89			
Speculative Futures	M				5					English	5,75%	Written exam
	I			5		3	125	36	89			
Master Thesis	M				17					English	19,54%	Thesis
	TH			17			425		425			
Master Thesis Colloquium	M				3					English		Presentation
	S			3		1	75	12	63			
Total		30	30	30	90	43	2.250	516	1.734		100,00%	

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HWS: Hours per week (1 hour = 45 min.)

Faculty or university wide module

Curriculum[1]
Data Science (M.Sc.) 60 CP
For Intakes starting Winter Term 2021/22

Module / Course	Kind of Module / Method of Teaching	Credit Points per Semester		Credit-points per module	Hours per week (HWS)	Workload (in h)			Language	Weight of exam related to final grade	Form of Examination
		1.	2.			Total	Hours in Class	Hours Self-Study			
Data Analytics	M			5					English	8,47%	Project work
	L	5			3	125	36	89			
Data Engineering	M			5					English	8,47%	Presentation
	L	5			3	125	36	89			
Decision Support Systems	M			5					English	8,47%	Project work
	I	5			3	125	36	89			
Data Science & Business	M			5					English	8,47%	Project work
	L	5			3	125	36	89			
Entrepreneurial Thinking & Digital Models	M			5					English	8,47%	Written assignment
	L	5			3	125	36	89			
Advanced Research Methodologies	M			5					English	8,47%	Project work
	S	5			3	125	36	89			
Cloud Computing	M			5					English	8,47%	Presentation
	I		5		3	125	36	89			
Machine Learning	M			5					English	8,47%	Project work
	I		5		3	125	36	89			
Interdisciplinary Elective	CE			5					English	8,47%	(defined by module)
			5		3	125	36	89			
Master Thesis	M			14					English	23,73%	Thesis
	TH		14			350		350			
Master Thesis Colloquium	M			1					English		Presentation
	C		1		1	25	12	13			
Total		30	30	60	28	1.500	336	1.164		100,00%	

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HWS: Hours per week (1 hour = 45 min.)

Faculty or university wide module