



# IUS First Cycle Catalogue

International University of Sarajevo (IUS)

**2017-2018**

BOOK 1





INTERNATIONAL UNIVERSITY OF SARAJEVO  
INTERNACIONALNI UNIVERZITET U SARAJEVU

# **International University of Sarajevo (IUS)**

FIRST CYCLE Catalogue

**2017 – 2018 Edition**

**Effective Fall 2017**

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**IUS FIRST CYCLE Catalogue is  
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Any errors or omissions should  
be notified to

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# Academic Calendar

Event	2017-2018
Open Announcement for Enrolment of New Students	June 1 to September 15, 2017
Study Contracts Signing	June 15 to September 22 2017
Course Registration	September 25 - 29, 2017
Beginning of Classes	October 2, 2017
Add – Drop Period	October 9 - 10, 2017
Midterm Exams	November 13 to December 1, 2017
Course Withdrawal Period	December 4 - 8, 2017
Preparation for Final Exams and Final Exams	January 8 - 24, 2018
Registration for Make-up Exams	January 25 - 26, 2018
Make-up Exams	January 29 to February 6, 2018
Course Registration	February 12 - 16, 2018
Beginning of Classes	February 19, 2018
Add-Drop Period	February 26 - 27, 2018
IUS Open Day	To be announced
Midterm Exams	April 2 - 20, 2018
Course Withdrawal Period	April 23 - 28, 2018
Preparation for Final Exams and Final Exams	May 28 to June 15, 2018
Graduation Ceremony	To be announced
Enrolment Announcement for New Students	To be announced
Registration for Make-up Exams	June 20 - 22 2018
Make-up Exams	June 25 to July 6, 2018
Summer Courses	July 9 to August 17, 2018
Registration for Second Make-up Exams	August 29 - 31, 2018
Second Make-up Exams	September 3 - 12, 2018
Last day for thesis defense	September 13, 2018

STATUTORY HOLIDAYS, NON-WORKING DAYS, SPECIAL DAYS	2017-2018
Event	
Eid al-Adha	Friday, September 1, 2017
National Day of BiH (Non Working Day)	Saturday, November 25, 2017
Roman Catholic Christmas*	Monday, December 25, 2017
New Year's Day 2017 (Non working Days) (Observed on January 1st and 2nd)	Monday, January 1, 2018
Orthodox Christmas*	Sunday, January 7, 2018
BiH Independence Day (Non Working Day)	Thursday, March 1, 2018
Catholic Easter*	Sunday, April 1, 2018
Orthodox Easter*	Sunday, April 8, 2018
International Labor Day (Non working Days) (Observed on May 1st and 2nd)	Tuesday, May 01, 2018
Eid al-Fitr	Thursday, June 14, 2018
Eid al-Adha	Tuesday, August 21, 2018
* For those who celebrate.	

## Section 1: On International University of Sarajevo (IUS)

International University of Sarajevo (IUS), established by the Foundation for Educational Development (SEDEF) in 2004, is a non-profit independent institution of higher education which autonomously provides funding for its work.

IUS offers educational programs in all three study cycles, as well as specific professional development programs in the registered areas. Education is realised through intertwining scientific and artistic programs, thus enabling the symbiosis of traditional and new disciplines. IUS encourages and promotes academic, cultural and social cooperation with regional and international universities of similar values.

IUS is also an associate member of the European University Association (EUA).

IUS's aim is to enrich students with aspirations, knowledge and skills which will allow them to succeed in a rapidly changing, interconnected world.

The international character of IUS, with students from all around the world and academic staff with significant international experience, gives IUS a special kind of quality. Such direct interaction with other nationals gives our university students the privilege to meet other cultures. This allows them not only to acquire knowledge, but to develop other competences and experiences immensely important today in a globalised world.

### Accreditation

For study Programs of higher education institutions to be reputable and accepted worldwide, accreditation by a third party accreditation/certification bodies (although not always mandatory) is the strong preference of many employers worldwide.

Therefore, accreditation enables employers to choose those graduates who have obtained a degree from an accredited institution from those who have not.

Accreditation process also offers students a better chance of having their credits transferred to other accredited institutions should they decide to obtain a graduate or doctoral level education in European Higher Educational Area or elsewhere or simply benefit from mobility prospects.

## **IUS Institutional Accreditation**

IUS is accredited with the national Agency for the Development of Higher Education and Quality Assurance of Bosnia and Herzegovina (HEA) and listed in the state register of accredited higher education institutions in Bosnia and Herzegovina, [www.hea.gov.ba](http://www.hea.gov.ba).

## **IUS International Program Accreditation**

International quality recognition of IUS study Programs was verified by **the** Austrian Agency for Quality Assurance and Accreditation, AQ Austria <https://www.aq.ac.at/en/accreditation/>

By granting accreditation, AQ Austria certifies that a higher education institution Programs meet the criteria for international recognition. AQ Austria has laid down binding procedural rules and decision criteria for accreditation procedures. All procedures comply with the principles of **the Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG)**.

For more information about the Agency for Quality Assurance and Accreditation Austria, AQ Austria granting the certificates of international accreditation to the study Programs of International University of Sarajevo (IUS) please visit <https://qa.ius.edu.ba/accreditation> or send an email inquiry to: [qaoffice@ius.edu.ba](mailto:qaoffice@ius.edu.ba).

## **English Language School (ELS) Accreditation**

English Language School (ELS) is awarded International Accreditation by EAQUALS. For more information please visit <https://els.ius.edu.ba/>

## **ISO 9001- Quality Management System applied by IUS administration**

IUS administration is accredited with the Management Systems ISO 9001- Quality Management System which stands foremost in the world. A certified Quality Management System demonstrates IUS's commitment to quality and customer satisfaction. This system enables IUS to apply and regularly update excellent procedures in order to meet its students' and other customers' needs in terms of enhancing customer satisfaction, consistency, and improvement of internal processes aiming at minimizing the risk that customer expectations are not met.

## Language policy

The language of education at IUS is English. Students who do not have sufficient English language skills need to attend English Language School at IUS to prepare themselves for attending and studying in English.

## Admission

Bosnian-Herzegovinian and foreign nationals with a finished four-year high school have equal right to apply to the first cycle of studies. Candidates applying for enrolment must show sufficient knowledge of the English language to be able to study in English. Alternatively, the candidates may opt to attend IUS English Language School.

Study at IUS is organised in accordance with the Bologna study system; specifically, in line with the model 4+1+3. Students who graduate will receive a bilingual diploma and a diploma supplement in English language and in one of the official languages of the constitutive nations of Bosnia and Herzegovina.

Applications for admission can be submitted to IUS directly to Admission Office, or through IUS web site or via the IUS Istanbul Office.

Admission process steps:

- Applicants sign a study contract and make tuition fee payment.
- Admitted applicants will receive a notice of admission to IUS and the study contract.
- Foreign students will receive instruction regarding issuance of student visas and temporary residency permits to study at IUS.
- Enrolled students will register courses one week before the lectures and start their studies at IUS.

## International Mobility Possibilities

As a true international university with staff and students from all over the world, IUS understands the importance of student mobility in a student's overall education. IUS students are encouraged to spend at least one semester at universities outside of Bosnia and at the same time every year IUS is hosting increasingly larger number of students from other universities.

International Relations Office provides information and support regarding exchange, scholarships, application procedures, or documentation necessary for participation in Mevlana and Erasmus+ exchange programs. For further questions regarding student mobility please contact: IUS International Relations Office (IUS IRO) at +387 33 957 116 or visit IRO office web site <https://iro.ius.edu.ba>.

## **Mobility window**

Students can spend one semester at other universities and pass courses which are equivalent to courses prescribed in the curriculum or which are complementary to the study program. Before enrolling to any exchange program students are advised to sign a learning agreement to make sure that courses passed at the other institution will be recognized at IUS.

## **Practical information for incoming mobility students**

Students from other universities who wish to spend a part of their studies at IUS are welcomed to do so. Details on which courses they will take at IUS and how those courses will be recognized at their home institution will be laid down in the learning agreement signed by the student, as well as by IUS and the student's home university. Student may choose courses from a list of courses open for registration per semester which is available on IUS web site <https://www.ius.edu.ba/course-schedules>.

For accommodation, food, insurance and other information, student can refer to the relevant sections of the catalogue or at IRO office web site: <https://iro.ius.edu.ba>.

## **Transfer Students**

Students transferring from other higher education institutions are required to submit an application for admission (transfer) along with the official certificate on passed courses (transcript) from the previous higher education institution. The request is forwarded to the relevant faculty committee. At the end of transferring process, faculty dean will decide on application for transfer.

## **Reclaim of Student Status**

The persons who lose their student status in accordance with the general acts and The Study Rules at IUS can reclaim their status under the following conditions:

- The University has available infrastructure and human resources to accommodate re-admitted students without any interruption of regular teaching process and everyday operations of the University.
- The student follows the study Program curriculum in current use at the time of re-admission.
- The student has no arrears with the University. Students who want to regain their student's status are required to submit a request and explanation to the Student Affairs Office [sao@ius.edu.ba](mailto:sao@ius.edu.ba) or +387 33 957 175.

## **Section 2: Resources and Services**

### **IUS Campus**

The International University of Sarajevo (IUS) Campus is located at Ilidža, near the archaeological site of the Roman remains and natural SPA water springs. The Campus area is surrounded by beautiful landscapes, bordering the left bank of the River Željeznica on one side, and the entrance to the famous Sarajevo National Park “Vrelo Bosne” on the other. It offers a panoramic view of the nearby mountains and a peaceful and scenic study experience. The Campus is well connected to downtown Ilidža, Sarajevo centre, Sarajevo International Airport (SJJ), and other important destinations.

Its modern facilities, research centres, friendly staff, and numerous social and cultural life opportunities offer a unique blend of options for students from all over the world.

Students have access to a library, reading rooms, wireless internet access, access to academic databases accommodation facilities, sports grounds, restaurants, and services organized to support curricular and extracurricular activities at their disposal.

### **Learning facilities**

IUS Campus has 72.000 m<sup>2</sup> of usable space and represents one of the largest university campuses in Bosnia and Herzegovina. Modern educational infrastructure includes classrooms, amphitheatres, laboratories, a library, research centre, space for student clubs and sport fields.

### **Library**

IUS Library is a growing collection of books, periodicals and e-resources. Library units from all scientific fields are divided in five collections: Books in the English language, Books in the Turkish language and Books in the Bosnian language, Books in other foreign languages and Collection of Periodicals. In its collections IUS Library holds books printed in Braille letter as well. IUS Library ensures access to several electronic databases, including: BioOne Complete, The Edward Elgar Publishing Journals Collection, The New England Journal of Medicine (NEJM), ASTM Compass, and IOPscience.

The IUS Library is located on the 3rd floor of the Building B. It is accessible to people with disabilities. It occupies a total area of 500 square meters. There are 152 seats divided in 5 reading rooms, including a computer room with 8 computers available for students.

IUS Library is open from 8:30 AM – 5:00 PM, occasionally until 8:00 PM.

## **Student Affairs Office**

IUS Student Affairs Office is the main office in charge of most of student enquiries. It is located on the ground floor of the “A” building. Students can contact Student Affairs Office directly or via email at [sao@ius.edu.ba](mailto:sao@ius.edu.ba) or via phone at +387 33 957 175.

## **Accommodation / housing**

IUS students can choose between living in the dormitory located within IUS campus or renting an apartment outside of IUS campus. There are two student dormitories at IUS campus – a female and a male dormitory. Accommodation in the dormitories costs between EUR 75 and 117 per person on a monthly basis. The yearly amount can be paid in two instalments at the beginning of each semester. The dorm cost also includes breakfast.

Students who are interested to stay in the dorm are encouraged to apply for dormitory as soon as possible since the number of rooms is limited. For more information about accommodation in the dormitories at IUS campus please send enquiry to [mcakir@sedefbosnia.ba](mailto:mcakir@sedefbosnia.ba) or enquire by phone at +387 33 957 455 (female dorm) or [info@plavileptir.com](mailto:info@plavileptir.com), +387 33 957 472 (male dorm). Students who are interested to find accommodation outside of IUS campus need to arrange it privately with the landlord. Accommodation offers can be looked on internet, e.g. at <https://www.olx.ba/nekretnine>.

## **Meals/Cost of Living**

Bosnia and Herzegovina is a country which is among the least expensive in Europe. Sarajevo is famous for its food markets with local, organic produce and quality restaurants where three course meals are ranging from EUR 2 to 5. These prices reflect the average monthly salary of EUR 400 for 2017.

## **Sport and leisure facilities**



Students can use many sport facilities located at IUS campus including indoor facilities, such as a sport hall, fitness room, weight room, table tennis equipment, or outdoor facilities such as a football field, multipurpose field for basketball, tennis, volleyball and other sport activities. IUS campus also includes two coffee shops, one café, library, restaurant and a couple of minutes walking distance from the campus student can enjoy exceptional national park “Vrelo Bosne”, public swimming pools, and urban area of Ilidža, a university town where three universities are located.

## **Student associations**

An important student association is Student Parliament of IUS which is a student body independent of IUS structures where students chose their representatives in IUS bodies (Senate, faculty councils). Students also have rights to form student clubs on a variety of basis. These include clubs related to study programs, community services, cultural diversity, leadership, social connections, etc.

## **Medical Facilities/Insurance**

All IUS students have medical insurance. Bosnian citizens have universal medical insurance, while foreign citizens need to purchase medical insurance. There is one medical office on IUS campus which provides basic medical services to IUS students and staff. For all other medical services, students can visit nearby medical facilities.

## **Facilities for disabled**

All IUS facilities are wheelchair accessible. Classrooms and administrative offices are appropriately labelled for blind and visually impaired students. In its collections IUS Library holds books printed in Braille letter as well.

## Section 3: Financial Support

### International students

IUS awards Academic Scholarships to the first-time incoming freshman students based on their previous high academic achievement. Academic performance is measured through:

- information which students provide in their application for admission to IUS,
- the official examination scores (general state entrance exams in home countries), and
- information found in high school transcript(s).

The reference tuition fee at IUS is EUR 6000 per academic year. Students are offered scholarship ranging from 10% to 100%, all based on their accomplishments.

The scholarships are given for faculty years and guaranteed for five years, no matter what students' academic performance will be. If a student does not graduate in five years, the scholarship is fixed at 50%, irrespective of the initial rate.

No scholarship is provided for IUS English Language School (ELS). The students who do not have English language competency at B2 level will need to study at ELS at a cost of 3200 EUR per academic year.

Full scholarship students for the first year pay no tuition at English Language School.

For more information on scholarships and admission process for non-Bosnian students (foreign students) please contact: [iro@ius.edu.ba](mailto:iro@ius.edu.ba) or on +387 33 957 116.

### Domestic students (Bosnia and Herzegovina and region)

For Bosnia-Herzegovinian students, every year IUS successfully organizes Scholarship Testing (Testiranje za stipendije) for all four-year high school students. This testing is not a must, but an opportunity for all Bosnian students, since it is the way in which they obtain scholarship (i.e. discount) for education at our University. For example, in 2017, International University of Sarajevo awarded more than 1,000 scholarships for the students with best scores at testing. In fact, the average scholarship at IUS is very high, over 65% for 2017 entries.

The testing is not only a chance to earn a scholarship, but also an opportunity for students to show their knowledge and competencies. The exam itself has two parts: general knowledge test and mathematics test. Scholarships are awarded to candidates based on their rank according to the exam, starting from 100% all the way to 40%. IUS scholarship test is used to rank applicants based on three different scores, namely Math, Verbal and Equal Weight.

The reference tuition at IUS is EUR 6000 per academic year. The scholarship percentages apply to the tuition fee; hence a student who receives 60% scholarship pays only EUR 2400 as an annual tuition fee.

Scholarships are given for faculty years and guaranteed for five years, no matter what your academic performance will be. If you can't graduate in five years, the scholarship is fixed at 50%, irrespective of the initial rate.

Only full (100%) scholarship students are required to maintain a good level of academic performance, as measured by Cumulative Grade Point Average (CGPA), which is set at a relatively low level of 2,75 out of 4.00.

Full scholarship students pay no tuition at English Language School for the first year.

Conditions for entering the exam are:

- To be a citizen of Bosnia and Herzegovina, or a country of the same region (Serbia, Montenegro, Slovenia, Croatia, Kosovo, Macedonia),
- Candidates are allowed to sit for the exam only once,
- To complete online registration form.

Registration for can be done at: <http://stipendija.ius.edu.ba>. Test results are published within five days as of the day of testing, at the official IUS website and on the notice boards.

The test for scholarships is free of charge and there is no registration fee.

For more information on scholarships and admission process for Bosnian students, please contact us via email [sao@ius.edu.ba](mailto:sao@ius.edu.ba) or on +387 33 957 175.

## **Section 4: Information on IUS Study Programs**

### **IUS Faculties and Study Programs**

IUS offers a wide range of study programs across five faculties. Programs are offered in natural sciences, engineering and technology, social sciences and humanities.

**Faculty of Engineering and Natural Sciences (FENS)**

**Faculty of Arts and Social Sciences (FASS)**

**Faculty of Business and Administration (FBA)**

**Faculty of Law (FLW)**

**Faculty of Education (FEDU)**

For a complete list of all IUS undergraduate and post graduate study programs, please refer to our web site.  
[www.ius.edu.ba](http://www.ius.edu.ba)

### **ECTS credit allocation policy**

In accordance with the principles of European Higher Education Area, study programs at IUS are designed so that the workload of a student should not exceed 1500 hours per year.

One semester of study is assigned 30 ECTS credits; thus, the average workload for 1 ECTS credit is 25 hours.

## Academic Guidance

At the beginning of his/her studies, each IUS student is assigned a student advisor who is going to guide the student throughout duration of his/her studies.

## Recognition of prior learning (formal/informal)

Courses passed at other accredited higher education institutions will be recognized if they are not significantly different from courses prescribed in the study program curriculum or if they are complementary to the relevant study Program.

IUS legally cannot give credit for prior informal learning and accept it as equivalent to any course prescribed in the study program curriculum.

## Teaching Methods

Implementation of teaching can take several forms, but it usually involves a combination of the following:

During *lectures*, printed materials, slides or presentations on a computer are commonly used, but the main focus is on listening to lecturers.

Assistants usually deliver *lessons (tutorials)* in small groups where individual attention is given to students. Tutorials usually complement lectures, but are more topic-specific. For example, they may include activities such as solving problems or having discussions on particular topics broadly discussed during lectures.

Most courses involve some form of *practical work*, such as weekly sessions in the laboratory where students acquire technical and research skills.

## Independent Learning

Apart from attending lectures and practical classes, students spend a great part of their weekdays in independent learning that includes reading relevant materials, research, studying in the reading room, doing homework, writing term papers and reports, group or individual projects and presentations.

## Types of Assessment

At International University of Sarajevo, written, oral and practical assessment methods are used. Assessment is conducted by testing, that is, assessing written and practical work and examination suitable to the specific program, specified learning goals, and grading procedures.

## Office hours

Course instructors have office hours with students on regular basis. In order to help students understand the course contents and achieve the learning aims of a course, office hours are facilitated through different means, like office meetings, meetings in the classroom, consulting via email or modern IT apps such as Moodle.

## Examination regulation and grading scale

A comparative international grade system of the International University of Sarajevo is shown in the table below. This grading system is applied as of AY 2017/2018 to facilitate comparison of academic success of International University of Sarajevo students with the students who are graduating from study programs at universities which are using grade point average as indicator for student academic success.

<i>Previous Grading Scale</i>	<i>Previous International Letter Grade</i>	<b>Harmonized Grading Scale</b>	<b>Harmonized International Letter Grade</b>	<b>IUS Grade Coefficient</b>	<b>Grade System Prescribed by Canton Sarajevo Law</b>	<b>Grade System Prescribed by Canton Sarajevo Law</b>
0 - 54	F	0 - 44	F	0.0	F	5
		45 - 54	E	1.0		
55 - 64	D	55 - 64	C	2.0	E	6
65 - 69	D+	65 - 69	C+	2.3	D	7
70 - 74	C-	70 - 74	B-	2.7		
75 - 77	C	75 - 79	B	3.0	C	8
78 - 80	C+					
81 - 84	B-	80 - 84	B+	3.3		
85 - 87	B	85 - 94	A-	3.7	B	9
88 - 90	B+					
91 - 94	A-					
95 - 100	A	95 - 100	A	4.0	A	10

## Work placement/internship possibilities

Work placement/internship is a **mandatory credited course for undergraduate students**, usually in the 7<sup>th</sup> Semester. They have been designed in a way that offers students opportunities to experience on-the-job training and make well-informed decisions about their future careers. Work placement is an essential part of IUS studies and it can be carried out in organizations in Bosnia or in other countries. IUS has established a number of long-standing relationships with private businesses and organizations in B&H and abroad where IUS students do their internships. More information can be obtained through IUS Career Centre by contacting [careercenter@ius.edu.ba](mailto:careercenter@ius.edu.ba) or ++387 33 957 175.



**Faculty of Engineering and Natural Sciences (FENS)**

## **Bachelor of Science (B.Sc.) in Architecture**

Info Catalogue

Academic Year 2017-2018



## About the Architecture Study Program

IUS Architecture study program aspires to contribute to the creation of sustainable development and to encourage critical and creative thinking within the architectural practice. We offer a high quality of teaching, interdisciplinary approach and the application of theory and design, in cooperation with other disciplines at the university.

IUS Architecture study Program provides its students with the theoretical and practical knowledge and skills to design and construct the places and spaces we use every day. Our students will learn to consider historical and environmental issues as well as to combine that knowledge and use the latest materials, technologies and design systems in their creations.

Our graduates are given the opportunity to build their career in different but related fields of design, such as urban planning, architectural design, structural design, construction supervision and site renewal, as well as in the field of protection of cultural and historical heritage.

## Employment and Further Study Opportunities

Architecture study Program prepares students for a broad range of career choices in the field of architecture.

Bachelor degree in Architecture provides also an excellent basis for students who intend to continue their studies.

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. This approach is informed by their keen awareness of the interdependence between technology, the individual ethics and social content in which they operate.

Our alumni work for organizations such as:

- University of Graz, Austria
- Tumus Architecture, Turkey
- AKSUVITAL, Turkey
- Bulut Makina Muhendislik, Turkey
- SAHA Insaat & Mimarlik, Turkey



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Architecture

**LANGUAGE OF INSTRUCTION:**  
English

**Have questions?**  
Ask Program Coordinator:

Prof. Dr. Adnan Zoranić

[azoranic@ius.edu.ba](mailto:azoranic@ius.edu.ba)

++387 33 957 214



## **Study Program Educational Objectives**

There are five educational objectives of the study Program:

- EO1** To encourage students to express and nourish their architectural skills and powers.
- EO2** To introduce students to broad architectural fields.
- EO3** To equip students with a knowledge that will help them work in architectural competence practice and will help them to communicate effectively in variety of formats.
- EO4** To equip students with the needed skills and knowledge to develop projects of different types and scale and expand their capacity to create solutions in changing environment.
- EO5** To raise high level professionals in architectural field.

## Learning Outcomes

On successful completion of the study program graduates will be able to:

- LO1** Demonstrate knowledge of the history and theory of architecture and the related arts.
- LO2** Demonstrate knowledge of the fine arts as an influence on the quality of architectural design.
- LO3** Acquire adequate knowledge of physical problems and technologies and the function of buildings so as to provide them with internal conditions of comfort and the protection against harsh climate.
- LO4** Demonstrate knowledge of the industries, organizations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning.
- LO5** Demonstrate adequate knowledge of urban morphology and planning and the skill involved in the planning process.
- LO6** Demonstrate understanding of the relationship between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale.
- LO7** Demonstrate understanding of the profession of architecture and the role of the architect in the contemporary society.

### *Skills*

- LO8** Demonstrate understanding of structural design, constructional and engineering problems associated with building design.
- LO9** Apply the methods of investigation and preparation of the brief for a design project.
- LO10** Create architectural designs that satisfy both aesthetic and technical requirements.

### *General*

- LO11** The necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations;

- LO12** Understanding of information literacy, learning, communication skills and research skills;
- LO13** Understanding of the role of collective practice, technical expertise and management of working time and processes.

## Program Requirements

The Bachelor of Architecture requires completion of 240 ECTS, out of which 42 ECTS are electives. The ECTS must include 198 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 6
Required				
Code	Title	Semester	ECTS	
ARCH100	Introduction to Architectural Design	Semester One	6	
ARCH101	Basic Design Communication	Semester One	6	
ARCH102	History of Architecture I	Semester Two	6	
ARCH106	Introduction to Building Technology	Semester Two	6	
ARCH108	Introduction to Architectural Design II*	Semester Two	6	
ARCH109	Basic Design Communication II*	Semester Two	3	
ARCH110	Freehand Drawing	Semester One	3	
MATH101	Calculus I	Semester One	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
ARCH201	Architectural Design Studio I*	Semester Three	12	
ARCH202	Architectural Design Studio II*	Semester Four	12	
ARCH203	Building Services I*	Semester Three	4	
ARCH204	Structural Design I*	Semester Three	4	
ARCH208	Architectural Communication	Semester Four	6	
ARCH209	History of Architecture III*	Semester Four	4	
ARCH210	Structural Design II*	Semester Four	4	
ARCH211	Building Services II	Semester Four	4	
ARCH216	Introduction to CAD	Semester Three	4	
ARCH217	History of Architecture II*	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 22
Required				
Code	Title	Semester	ECTS	
ARCH302	Urban Design and Planning*	Semester Five	6	
ARCH303	Architectural Design Studio III*	Semester Five	12	
ARCH304	Architectural Design Studio IV*	Semester Six	12	
ARCH307	Sustainable Design*	Semester Six	4	
ARCH311	Materials in Architecture	Semester Six	4	
Year 4				Total 60 ECTS. ECTS for Electives: 14
Required				
Code	Title	Semester	ECTS	
ARCH380	Work Placement/Internship	Semester Seven	6	
ARCH401	Architectural Heritage Conservation	Semester Seven	4	
ARCH402	Contemporary Architectural Theory	Semester Seven	4	
ARCH403	Management in Architecture	Semester Eight	4	
ARCH405	Architectural Design Studio V*	Semester Seven	12	
ARCH406	Final Design Studio*	Semester Eight	12	
ARCH408	Building Physics	Semester Seven	4	

**i** \* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course.  
Please check <https://arch.ius.edu.ba/arch-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student bypass a prerequisite for any course.

[Info Catalogue Glossary](#) Program electives for Architecture

#### Program electives for ARCH students

Code	Title	ECTS
ARCH308	Urban History	4
ARCH312	Building Construction	4
ARCH360	Digital Architecture and Fabrication	4
ARCH371	Descriptive Geometry	4
ARCH372	Compositions in Architecture	4
ARCH373	Interior Design	4
ARCH375	Perspective and Shadows	4
ARCH376	History of Art	4
ARCH377	Architectural Anthropology	4
ARCH352	Bioclimatic Architecture	4
ARCH353	Self-Study Design Project	4
ARCH354	New Design in Old Settings	4
ARCH355	Advanced Urban Design	4
ARCH356	Landscape Design	4
ARCH357	Bosnian Architecture	4
ARCH411	Lightning and Acoustics	4
ARCH412	Advanced Building Construction	4
ARCH413	Principles of Façade Construction	4
ARCH414	Introduction to Islamic Architecture	4
ARCH415	Conservation Methods	4
ARCH416	Issues in Contemporary Architecture and Urban Design Practice	4
ARCH417	History of Design	4

**i** \* The above listed elective Program courses require completing certain number of ECTS as prerequisites to enrol. Please check <https://me.ius.edu.ba/arch-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student bypass a prerequisite for any course.

**Bachelor of Science (B.Sc.) in Computer Sciences and Engineering**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Computer Sciences and Engineering Study Program**

The Computer Sciences and Engineering (CSE) study Program is designed so that it equips students with the skills and knowledge in problem solving, mathematical skills and logical reasoning, providing in-depth knowledge in computer systems and programming. Most courses involve practical work, such as weekly sessions in computer laboratory where students acquire technical and research skills. Project based learning as well as liberal art courses prepare our students for soft skills such as teamwork, written and oral communication skills which are crucial for a successful employment career.

CSE has implications across a wide range of disciplines ranging from embedded systems, bioinformatics, telecommunications, cybersecurity, artificial intelligence, healthcare and many more. Other than offering core foundation courses in CSE, the students are able to select and shape their specific interests within the CSE curriculum by selecting from a variety of courses offered within the program elective courses such as Artificial Intelligence, Computer Graphics, Computer Vision, Computer and Network Security, Wireless Mobile Networks, Robotics, etc. Furthermore, a large number of elective courses allows CSE students to select courses from other scientific fields offered at IUS.

### Employment and Further Study Opportunities

Bachelor degree in Computer Sciences and Engineering provides also an excellent basis for students who intend to continue their studies at IUS or elsewhere. IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. This approach is informed by their keen awareness of the interdependence between technology, the individual ethics and social content in which they operate.

Our alumni work for organizations such as:

- ULKER, Turkey
- Atlant BH, Bosnia and Herzegovina
- Authority Partners Inc., Bosnia and Herzegovina
- BH Telecom, Bosnia and Herzegovina



#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



#### DURATION

4 years, 8 semesters



#### HOW

Full-time, in person



#### ECTS

240



#### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Computer Sciences and  
Engineering

**LANGUAGE OF INSTRUCTION:**  
English

#### Have questions?

Ask Program Coordinator:

**Assist. Prof. Dr. Kanita  
Karadjuzovic - Hadziabdic**



[khadziabdic@ius.edu.ba](mailto:khadziabdic@ius.edu.ba)  
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## Study Program Educational Objectives

- EO1** To prepare the students for abstract problem solving, logical reasoning and strong mathematical skills, while providing in-depth knowledge in computer programming.
- EO2** To provide the students with the knowledge of practical problem solving and design patterns applied in the industry.
- EO3** To prepare the students for successful careers in a wide range of disciplines with numerous employment opportunities, such as computer science, software engineering, bioengineering, electrical engineering, industrial engineering, etc.
- EO4** To train the students in the soft skills, such as teamwork, written and oral communication, which are crucial for successful employment career.
- EO5** To apply the code of ethics and show professional practice towards the client, employer, colleagues, profession and society.

## Learning Outcomes

On successful completion of the study program graduates will be able to:

### Corresponding educational objectives

- |     |  |                                |
|-----|--|--------------------------------|
| LO1 | Demonstrate a sound knowledge of the basic theoretical aspects of computer science and engineering, with a focus on software development practices, algorithms and computer systems organization, and other various computing areas. | <b>EO1, EO2</b>                |
| LO2 | Apply the necessary strong mathematical skills and logical reasoning to solve engineering and scientific problems.   | <b>EO1, EO2</b>                |
| LO3 | Effectively document and analyse requirements and translate them into an implementable design using different design patterns applied in the industry.   | <b>EO1, EO2, EO3, EO4, EO5</b> |
| LO4 | Analyse, design and develop software systems by following recommended concepts, principles and practice of the industry.   | <b>EO1, EO2, EO3, EO4, EO5</b> |
| LO5 | Show an ability to communicate effectively, work in a team and understand social, professional, legal and ethical issues related to computing.   | <b>EO4, EO5</b>                |
| LO6 | Apply the mathematics and statistics that underlie engineering and scientific applications.  | <b>EO1, EO2, EO3.</b>          |




## Program Requirements

The Bachelor of Computer Science and Engineering requires completion of 240 ECTS, out of which 156 ECTS are electives. The 240 ECTS must include 84 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
CS103	Introduction to Programming	Semester One	6	
CS105	Advanced Programming*	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ENS203	Electrical Circuits I*	Semester Two	6	
MATH101	Calculus I	Semester One	6	
MATH102	Calculus II*	Semester Two	6	
NS102	Physics	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
CS303	Digital Design	Semester Three	6	
CS304	Computer Architecture*	Semester Four	6	
CS305	Programming Languages*	Semester Three	6	
CS306	Database Management*	Semester Four	6	
EE325	Embedded Systems*	Semester Four	6	
MATH201	Linear Algebra*	Semester Four	6	
MATH203	Introduction to Probability and Statistics*	Semester Three	6	
MATH204	Discrete Mathematics*	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
CS302	Algorithms and Data Structures*	Semester Five	6	
CS307	Operating Systems*	Semester Five	6	
CS308	Software Engineering*	Semester Six	6	
ELIT200	Critical Reading and Writing	Semester Five	6	
MATH202	Differential Equations*	Semester Five	6	
MATH205	Numerical Analysis*	Semester Six	6	
SE308	Communication Systems and Networks*	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 36
Required				
Code	Title	Semester	ECTS	
CS313	Theory of Communication*	Semester Seven	6	
CS370	Work Placement/Internship	Semester Seven	6	
CS412	Web Application Development*	Semester Seven	6	
CS490	Graduation Project (Last Semester Standing)	Semester Eight	6	

- ① \* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course. Please check <https://cse.ius.edu.ba/cse-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student bypass a prerequisite for any course.

The elective courses for Computer Science and Engineering study program fall into the following three groups of courses:

-  University electives
-  Program electives
-  Faculty electives

### University Electives

In addition to Foreign Language CSE students choose **2 University elective courses in Year 1** from the following list:

University electives		ECTS
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3
ECON105	Understanding Politics, Economy and Management	3
ECON111	Introduction to Microeconomics	6
ELIT101	Introduction to Literature	6
IBF205	Principles of International Business	6
IR101	Introduction to International Relations	6
MAN102	Management	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6

### Natural Sciences Sub-pool

CS100	Computer Skills	3
ENS105	The Brain	6
NS103	Biology	6
NS104	General Chemistry	6

### Arts Sub-pool

ARCH107	Understanding Art and Architecture	3
VA121	History of Art I	6

### Language Elective Sub-pool

xxx	Foreign Language I (&)	3
xxx	Foreign Language II (&)	3

(&) Scholarship students will take either Spoken Turkish I and II or Spoken Bosnian I and II.

In the Years 3 and 4 CSE students choose 2 faculty electives, 6 program electives and 2 free electives from the following lists:

Faculty electives for CSE students		
Code	Title	ECTS
BIO301	Molecular Biology	6
BIO415	Genetic Engineering	6
EE201	Analog Electronics I	6
EE202	Electrical Circuits II	6
EE305	Instrumentation and Measurements	6
EE311	Control System Design	6
EE321	Electrical Machines	6
EE322	Power Systems	6
ENS201	Electromagnetism I	6
ENS202	Thermodynamics	6
ENS203	Electrical Circuits I	6
ENS205	Material Science	6
ENS206	System Modeling	6
ENS207	Engineering Graphics	6
ENS208	Introduction to Manufacturing Systems	6
ENS209	Statics	6
ENS211	Signal and Systems	6
ENS221	Introduction to Engineering	6
ENS302	Engineering Optics	6
MATH207	Vector Calculus	6
MATH209	Discrete Mathematics II	6
MATH306	Statistical Modeling	6
ME208	Dynamics and Vibrations	6
ME304	Fluid Mechanics	6
ME306	Heat and Mass Transfer	6
NS205	Cell Biology	6
NS207	Organic Chemistry	6
NS209	Genetics I	6
IE301	Production Planning I	6
IE303	Operations Research I	6
IE304	Operations Research II	6
IE307	Quality and Reliability Engineering	6
IE408	Project Management	6

### Program electives for CSE students

Code	Title	ECTS
BIO310	Bioinformatics	6
CS299	Social, Legal and Ethical issues in Computing	6
CS309	Advanced Logic Design	6
CS310	Human Computer Interaction	6
CS402	Introduction to Design of Compilers	6
CS403	Distributed Systems	6
CS404	Artificial Intelligence	6
CS405	Computer Graphics	6
CS413	Developing the Interactive Web	6
CS414	Computer Vision	6
CS415	Pattern Recognition	6
CS416	Cryptography	6
CS417	Introduction to Data Mining	6
CS420	Network Programming	6
CS421	Management Systems	6
CS422	Wireless Mobile Networks	6
CS423	Parallel Computing	6
CS426	Software Engineering II	6
CS427	Computer and Network Security	6
CS498	Special Topics in Computer Science I	6
CS499	Special Topics in Computer Science II	6
EE331	Introduction to Communications Systems	6
EE418	Introduction to Machine Learning	6
EE434	Digital Communications	6
EE435	Microprocessors I	6
EE436	Programmable Logic Controllers	6
EE437	Introduction to Robotics	6
MAN461	Management Information Systems	6
SE211	Software Construction	6
SE302	Software Testing and Maintenance	6
SE304	Tools and Methods of CASE Technologies	6
SE322	Software Requirement Analysis	6
SE401	SSCADA Systems	6
SE402	Programming for CNC Machines	6
SE403	Development of Science and Technology	6
SE404	Psycho Cybernetics	6
SE406	Software Engineering Management	6
SE407	Software Quality Management	6
SE421	CAD Systems	6
SE423	Automatics and Robotics	6

**2 Program Electives may be selected from other FENS Programs (including FENS graduate level courses) with the approval of Program Coordinator.**

Pool of elective courses for the modules of Industrial Engineering (IE), Genetics and Bioengineering (GBE), Mechanical Engineering (ME) or Electrical and Electronics Engineering (EE).

The courses which are already required courses for CSE curriculum are shown in bold.			
Code	Title	Prerequisite	ECTS
IE301	Production Planning	MATH203	6
IE303	Operations Research I		6
IE304	Operations Research II	IE303	6
IE307	Quality and Reliability Engineering		6
IE408	Project Management		6
NS103	Biology		6
NS104	General Chemistry		6
NS205	Cell Biology		6
NS209	Genetics		6
BIO301	Molecular Biology		6
BIO310	Bioinformatics	NS103	6
BIO415	Genetic Engineering		6
EE305	Instrumentation and Measurement	ENS203	6
ENS202	Thermodynamics	MATH102, NS102	6
ENS205	Materials Science		6
ME304	Fluid Mechanics	MATH202	6
ME306	Heat and Mass Transfer	MATH202	6
EE201	Analog Electronics I		6
EE202	Electrical Circuits II		6
EE311	Control System Design		6
EE321	Electrical Machines	EE202	6
EE322	Power Systems	EE202	6
ENS203	Electrical Circuits I		6
ENS206	System Modeling		6

**Bachelor of Science (B.Sc.) in Electrical and Electronics Engineering**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Electrical and Electronics Engineering Study Program**

Electrical and Electronics Engineering program at IUS offers students two paths of electrical engineering fields. In addition to the required courses in applied sciences, mathematics, and fundamentals of electrical engineering, a student can choose electives in the field of electronics and embedded systems or the field of electrical energy and power systems. The structure of the program and courses is designed in such a way that it guides the student through analysis, then design, and finally optimization and management of practical engineering systems. The program rests on broad-based engineering education with the mentioned two specialization paths. The structure emphasizes self-learning and continuous development. In addition to the program required courses, basic principles of economics, management and social sciences are also included in the elective pools of the EEE curriculum. Our philosophy is not only to educate engineers, but to prepare them for future leadership roles in the industry. Practical training in engineering includes practical work in laboratories (Electronics, Complex Systems, Control Systems, Power Systems and Telecommunications), developing skills in programming and the use of computers in engineering practice, as well as development of the spirit and the affinity for teamwork and lifelong learning. The Final project is commonly associated with the current IUS research and/or is performed in cooperation with companies outside IUS.

The Electrical and Electronics Engineering Program is accredited by the Austrian Agency for Quality Assurance and Accreditation, AQ Austria <https://www.aq.ac.at/en/accreditation/>.

### Employment and Further Study Opportunities

Graduates in Electrical and Electronic Engineering are qualified to work as: engineers, researchers, and consultants in the fields of telecommunications and networking, power systems, signal processing, medical technology and devices, and automation systems, in both public and private sectors as well as to continue further education in academia at the second cycle

Our alumni work for organizations such as:

- Bosna Petroleum Company – BPC, BiH
- Turk Telekom, Turkey
- TUSAS Motor Sanayii A.S., Turkey
- Turkish Airlines, Turkey
- Tipteh d.o.o, BiH



#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



#### DURATION

4 years, 8 semesters



#### HOW

Full-time, in person



#### ECTS

240



#### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Electrical and Electronics  
Engineering

#### LANGUAGE OF INSTRUCTION:

English

#### Have questions?

Ask Program Coordinator:

**Assoc.Prof.Dr. Izudin Džafić**



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## Study Program Educational Objectives

- EO1** To apply the basic principles and methods of electrical and electronics engineering in the broad field of applications.
- EO2** To apply mathematical and scientific reasoning in a variety of electrical and electronics engineering problems;
- EO3** To design, implement and properly document solutions to complex problems in the field of electrical engineering;
- EO4** To analyse and compare alternative solutions to problems in the field of electrical and electronics engineering;
- EO5** To use various specific software and hardware for the analysis and design of electrical and electronic systems.
- EO6** To participate in team work on the design and implementation of solutions to problems in the field of electrical and electronics engineering;
- EO7** To communicate clearly and concisely, orally and in writing;
- EO8** To think critically and creatively, independently and in a team;
- EO9** To recognize the social and ethical responsibilities of professional work; and
- EO10** To monitor the development and apply new achievements in the field of electrical and electronics engineering.

## Learning Outcomes

On successful completion of the study program graduates will be able to:

### *Acquiring Knowledge*

- LO1** Explain the broader multi-disciplinary context of Engineering Sciences.
- LO2** Use sound knowledge in mathematics, natural sciences and engineering to explain the complex phenomena peculiar to electrical engineering technology, in particular electrical circuits, analogue and digital electronics, electromagnetism, signal processing and control theory;
- LO3** Identify, classify and describe the performance and general quality attributes and possible trade-offs within the given problem of electrical engineering systems;

### *Skills*

- LO4** Identify, model and solve engineering problems in electrical and electronics engineering;
- LO5** Use software and hardware tools, as well as laboratory equipment to design, test and evaluate analogue and digital electric and electronic circuits, devices and product;
- LO6** Use relevant technical literature and other sources of information relating to given problems;
- LO7** Use up-to-date techniques and tools for electrical and electronics engineering applications;

### *Taking Responsibility*

- LO8** Apply the process and methods of scientific inquiry, including the search and retrieval of scientific information, the formulation of scientific hypotheses, the design and conduct of experiments, and the analysis and interpretation of data.
- LO9** Independently collect and interpret relevant data pertaining to the topics of interest in the field of electrical and electronics engineering.
- LO10** Use data-base systems, information on norms, guidelines (“codes of good practice”) and safety regulations in their field of electrical and electronics engineering.

- LO11** Demonstrate an awareness of project management and business practices, such as risk and change management, and understand their limitations through project-oriented work.


***Acting autonomously***

- LO12** Analyse and communicate effectively in written and oral English language, document and deliver professional work in their own field and in neighbouring fields using modern technical and visual means;
- LO13** Work effectively on technical tasks individually or in a team, and coordinating the team if necessary.




## Program requirements

The Bachelor of Electrical and Electronics Engineering requires completion of 240 ECTS, out of which 42 ECTS are electives. The 240 ECTS must include 198 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 9
Required				
Code	Title	Semester	ECTS	
ENS203	Electrical Circuits I*	Semester Two	6	
ENS207	Engineering Graphics	Semester One	3	
ENS213	Programming for Engineers	Semester Two	6	
ENS221	Introduction to Engineering	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
MATH101	Calculus I	Semester One	6	
MATH102	Calculus II*	Semester Two	6	
NS102	Physics	Semester One	6	
NS112	Understanding Science and Technology	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
EE201	Analog Electronics I*	Semester Three	6	
EE202	Electrical Circuits II*	Semester Three	6	
EE221	Object Oriented Programming*	Semester Three	6	
EE301	Analog Electronics II*	Semester Four	6	
EE305	Instrumentation and Measurement*	Semester Four	6	
ENS201	Electromagnetism I*	Semester Three	6	
ENS206	System Modelling*	Semester Four	6	
ELIT200	Critical Reading and Writing	Semester Four	6	
MATH201	Linear Algebra*	Semester Four	6	
MATH202	Differential Equations*	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
EE311	Control System Design*	Semester Five	6	
EE321	Electrical Machines*	Semester Six	6	
EE322	Power Systems*	Semester Five	6	
EE325	Embedded Systems*	Semester Six	6	
CS303	Digital Design*	Semester Five	6	
MATH203	Introduction to Probability and Statistics*	Semester Five	6	
MATH205	Numerical Analysis*	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 48
Required				
Code	Title	Semester	ECTS	
EE370	Work placement/Internship*	Semester Seven	6	
EE490	Graduation Project	Semester Eight	6	

 \* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course. Please check <https://ee.ius.edu.ba/ee-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student bypass a prerequisite for any course.

The elective courses for Electrical Engineering and Electronics study Program fall into the following four groups of courses:

-  University electives
-  Program electives
-  Faculty electives

### University Electives

In addition to Foreign Language EEE students choose **2 University elective courses in Year 1** from the following list:

IUS Pool of 6 ECTS University electives		ECTS
CS103	Introduction to Programming	6
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
MAN102	Management	6
NS104	General Chemistry	6
NS103	Biology	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
SOC102	Introduction to Sociology	6
VA121	History of Art I	6

IUS Pool of 3 ECTS University electives		ECTS
ARCH107	Understanding Art and Architecture	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
CULT101	Understanding Cultural Encounters	3
SPS140	Understanding Religion	3
TURK121	Spoken Turkish I*	3
BOS121	Spoken Bosnian I*	3
TURK122	Spoken Turkish II**	3
BOS122	Spoken Bosnian II**	3

*\*Scholarship Students will take either  
TURK121/BOS121*

*\*\*Scholarship Students will take either  
TURK122/BOS122*

Faculty electives for EEE students		
Code	Title	ECTS
CS105	Advanced Programming	6
CS304	Computer Architecture	6
ENS202	Thermodynamics	6
ENS205	Materials Science	6
ENS208	Introduction to Manufacturing Systems	6
ENS211	Signals and Systems	6
MATH204	Discrete Mathematics	6
MATH207	Vector Calculus	6
MATH209	Discrete Mathematics II	6
MATH306	Statistical Modeling	6
ME306	Heat and Mass Transfer	6
ME330	Engineering Graphics II	6
ME414	Energy Conversion Technologies	6
NS207	Organic Chemistry	6

Program electives for EEE students		
Code	Title	ECTS
EE309	Introduction to Optimization	6
EE323	Illumination Techniques	6
EE331	Introduction to Communication Systems	6
EE332	Electromagnetism II	6
EE334	Information and Coding Theory	6
EE403	Industrial Process Instrumentation	6
EE412	Motion Control System	6
EE418	Introduction to Machine Learning	6
EE422	Power Electronics	6
EE423	High Voltage Engineering	6
EE424	Electrical Power Transmission and Distribution	6
EE429	Digital Power Systems Protection	6
EE430	Control of Electrical Drivers	6
EE431	Digital Signal Processing	6
EE432	Wireless and Mobile Communications	6
EE433	Microwave Engineering	6
EE434	Digital Communications	6
EE435	Microprocessors I	6
EE436	Programmable Logic Controllers	6
EE437	Introduction to Robotics	6
EE439	Optimal Filtering	6
EE440	Microprocessors II	6
EE442	Antennas and Wave Propagation	6
EE446	Satellite Systems and Communications	6
EE451	Power System Stability	6
EE453	Power System Control and Optimization	6
EE454	Electrical Power Generation	6
CS302	Algorithms and Data Structures	6
CS304	Computer Architecture	6
CS305	Programming Languages	6
CS306	Database Management	6
CS307	Operating Systems	6
CS308	Software Engineering	6
CS309	Advanced Logic Design	6
CS310	Human Computer Interaction	6
CS405	Computer Graphics	6

CS412	Web Application Development	6
CS414	Computer Vision	6
CS415	Pattern Recognition	6
CS417	Introduction to Data Mining	6
CS422	Wireless Mobile Networks	6
CS427	Computer and Network Security	6
SE308	Communication Systems and Networks	6

**Bachelor of Science (B.Sc.) in Genetics and Bioengineering**

**Info Catalogue**

**AY 2017-2018**





## About the **Genetics and Bioengineering** Study Program

The Genetics and Bioengineering (GBE) degree Program at IUS is geared to develop an integrated scientific perspective comprising the fundamentals of molecular biology, biochemistry, genetics and cell biology, all of which are built upon a solid background in biology, chemistry, physics, and mathematics. The Program is designed to emphasise the application of the principles and methods of engineering sciences to study biological applications and its problems. The GBE curriculum has an engineering foundation with emphasis on biochemical process applications.

The Genetics and Bioengineering (GBE) is accredited by the Austrian Agency for Quality Assurance and Accreditation, AQ Austria <https://www.aq.ac.at/en/accreditation/>. By granting its accreditation, AQ Austria certifies that IUS Genetics and Bioengineering (GBE) study Program meets the criteria for international recognition by complying with the principles of **the Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG)**. The accreditation is valid until 20 September 2022.

### Employment and Further Study Opportunities

The GBE curriculum prepares students for careers in the emerging biotechnology industry or in businesses related to biotechnology, medical or pharmaceutical industry, as well as other positions in industry, commerce and education or for continuation of their formal education at a graduate school at IUS or elsewhere.

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. Our alumni work for organizations such as:

- Max Planck Institute of Neurobiology/ Germany
- Bezmialem University Hospital/ Turkey
- Eurofarm Center/ BiH
- Moja Klinika/ BiH
- AFN Medical/Turkey



#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



#### DURATION

4 years, 8 semesters



#### HOW

Full-time, in person



#### ECTS

240



#### QUALIFICATION

Bachelor of Science (B.Sc.)  
in Genetics and  
Bioengineering

**LANGUAGE OF INSTRUCTION:**  
English

#### Have questions?

Ask Head of Department of  
Natural Sciences :

**Assoc. Prof. Dr. Ayla Arslan**



[aarslan@ius.edu.ba](mailto:aarslan@ius.edu.ba)  
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## Study Program Educational Objective

- EO1** To equip students with excellent education about engineering and basic sciences.
- EO2** To provide students with genetics and bioengineering knowledge and experience.
- EO3** To teach students to conduct basic and experimental researches and to apply engineering and physical sciences to medical and biological problems.
- EO4** To provide students with biological background in order to safely apply engineering technologies to living systems.
- EO5** To equip students with the appropriate techniques to solve scientific problems and develop skills necessary for genetics and bioengineering career.
- EO6** To provide students with techniques to develop effective communication abilities to join and work in interdisciplinary teams.
- EO7** To give education to the students in a broad spectrum and to prepare them for their further career wide range of disciplines.

## Learning Outcomes

On successful completion of the study program graduates will be able to:

- LO1** Identify, formulate and solve biological problems by using appropriate theoretical and experimental skills.
- LO2** Apply and use computer software and database websites in order to solve problems related to the protein engineering and bioinformatics.
- LO3** Identify, classify and describe the performance of systems and components through the use of analytical methods and modeling techniques.
- LO4** Identify constraints in bioengineering, including environmental, social and sustainability limitations, as well as health, safety, and risk assessment issues.
- LO5** Apply management techniques which may be used to achieve engineering objectives within that context.

- LO6 Design and run experiments and analyze the data.
- LO7 Apply knowledge and understanding to acquire practical skills for problem solving, for research tasks and the design of protocols and procedures.
- LO8 Demonstrate the ability to gather and interpret relevant data in the area of Genetics and Bioengineering to make informed decisions that include reflection on relevant scientific, social, and ethical issues.
- LO9 Find and use relevant technical literature and other sources of information relating to given problems.
- LO10 Demonstrate in-depth knowledge and skills in specific discipline with global perspective.
- LO11 Apply knowledge through intellectual inquiry and develop critical solutions in new situations.
- LO12 Manipulate, analyse, and evaluate existing knowledge in order to synthesize novel scientific findings.
- LO13 Recognize the need for a lifelong commitment to learning.
- LO14 Disseminate ideas to the wider community in a confident, effective and coherent manner.
- LO15 Describe and critically evaluate current aspects of biosciences in order to solve related problems.
- LO16 Create and sustain cooperative networking efficiently.
- LO17 Show strong enthusiasm, dedication and commitment to continuously acquire and disseminate new knowledge and skills.
- LO18 Perform specific tasks ethically and professionally.
- LO19 Communicate their findings in a professional and confident manner to various audiences.
- LO20 Work effectively on technical tasks individually or in a team, and coordinate the team if necessary.
- LO21 Analyze and communicate effectively in written and oral English language, document and deliver professional work in their field of interest and in correlated fields using modern technical and visual means.
- LO22 Develop an area for creativity excellence through interactivity and participate in scientific events.




## Program requirements

This study Program leads to the Bachelor of Science (B.Sc.) degree in Genetics and Bioengineering. It requires completion of 240 ECTS. The 240 ECTS must include 150 ECTS from completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
NS102	Physics	Semester One	6	
NS103	Biology	Semester Two	6	
NS104	General Chemistry	Semester One	6	
NS207	Organic Chemistry	Semester Two	6	
MATH101	Calculus I	Semester One	6	
MATH102	Calculus II*	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 6
Required				
Code	Title	Semester	ECTS	
NS202	Biochemistry I*	Semester Three	6	
BIO305	Biochemistry II*	Semester Four	6	
NS205	Cell Biology	Semester Three	6	
NS209	Genetics I	Semester Four	6	
MATH202	Differential Equations*	Semester Three	6	
MATH203	Introduction to Probability and Statistics*	Semester Three	6	
ENS202	Thermodynamics*	Semester Four	6	
ENS205	Material Science	Semester Three	6	
ENS213	Programming for Engineers	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
BIO301	Molecular Biology	Semester Five	6	
BIO303	Genetics II	Semester Five	6	
BIO306	General Microbiology	Semester Six	6	
BIO310	Bioinformatics*	Semester Five	6	
BIO312	Techniques in Molecular Biology*	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 42
Required				
Code	Title	Semester	ECTS	
BIO370	Work Placement/Internship*	Semester Seven	6	
BIO407	Protein Engineering*	Semester Eight	6	
BIO415	Genetic Engineering*	Semester Seven	6	

- i** \* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course. Please check <https://gbe.ius.edu.ba/gbe-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student to bypass a prerequisite for any course.

The elective courses for Genetics and Bioengineering study Program fall into the following three groups of courses:

-  University electives
-  Program electives
-  Faculty electives

### University Electives

In addition to Foreign Language GBE students choose **2 University elective courses in Year 1** from the following list:

#### IUS Pool of 3 ECTS University Courses, 2017-2018

University electives		ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3
xxx	Foreign Language	3
xxx	Foreign Language	3

(&) Scholarship students will take either Spoken Turkish I and II or Spoken Bosnian I and II.

#### IUS Pool of 6 ECTS University Courses, 2017-2018

In the **Year 2** students choose **1 University elective** from the following list:

University electives		ECTS
CS103	Introduction to Programming	6
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
MATH100	Mathematical Skills	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
VA121	History of Art I	6

In the Years 3 and 4 GBE students choose 2 faculty electives, 6 Program electives and 2 free electives from the following lists:

Faculty electives for GBE students		
Code	Title	ECTS
CS105	Advanced Programming*	6
CS302	Algorithms and Data Structures*	6
CS308	Software Engineering*	6
CS412	Web Application Development*	6
CS306	Database management*	6
ENS201	Electromagnetism I*	6
ENS203	Electrical Circuits I*	6
ENS206	Systems Modeling and Control*	6
ENS207	Engineering Graphics	6
ENS208	Introduction to Manufacturing Systems*	6
ENS209	Statics*	6
ENS210	Computational Biology*	6
ENS211	Signals and Systems*	6
ENS221	Introduction to Mechanical Engineering	6
ENS302	Engineering Optics*	6
EE201	Analog Electronics*	6
EE202	Electrical Circuits II*	6
EE305	Instrumentation and Measurements*	6
EE311	Control System Design*	6
EE321	Electrical Machines*	6
EE322	Power Systems*	6
NS203	Physical Chemistry*	6
NS211	Analytical Chemistry*	6
NS307	Introduction to Research Methods*	6
MATH201	Linear Algebra*	6
MATH204	Discrete Mathematics*	6
MATH205	Numerical Analysis*	6
MATH207	Vector Calculus*	6
MATH306	Statistical Modeling*	6
ME208	Dynamics and Vibrations*	6
ME304	Fluid Mechanics*	6
ME306	Heat and Mass Transfer*	6
IE301	Production Planning I*	6
IE303	Operations Research I*	6
IE304	Operations Research II*	6
IE307	Quality and Reliability Engineering*	6
IE408	Project Management*	6

#### Program electives for GBE students

Code	Title	ECTS
BIO304	Structural Biology*	6
BIO307	Bioengineering principles*	6
BIO308	Plant Structure and Physiology*	6
BIO309	Bioethics*	6
BIO311	Biosensors*	6
BIO313	Chemical Engineering*	6
BIO314	Neuroanatomy*	6
BIO315	Cell and tissue culture engineering*	6
BIO320	Introduction to forensic science*	6
BIO401	Biotechnology*	6
BIO402	Molecular Evolution*	6
BIO403	Plant Pathogenesis*	6
BIO404	Agricultural Biotechnology*	6
BIO406	Biomechanics*	6
BIO408	Modeling and Simulation of Bimolecular Processes*	6
BIO409	Immunology*	6
BIO410	Ecology and environmental engineering*	6
BIO411	Mammalian physiology*	6
BIO412	Special Topics in Bioengineering*	6
BIO414	Pharmaceutical Biotechnology*	6
BIO416	Population Genetics*	6
BIO417	Molecular Diagnostics*	6
BIO418	Virology*	6
BIO420	Biophysics*	6
BIO422	Mechanism of signal transduction*	6
BIO490	Graduation Project*	6

**Specializations (modules) in the fields of Industrial Engineering, Computer Science and (Bio) Engineering are available to students taking certain combination of courses. Please refer to <https://gbe.ius.edu.ba/>**



## **Bachelor of Science (B.Sc.) in Industrial Engineering**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Industrial Engineering** Study Program

The Industrial Engineering Program at IUS is designed to provide students with a solid basis in mathematics and science, as well as in engineering economics, manufacturing systems, production and inventory control, operations research, quality and reliability engineering, facility planning, material handling, information technology and organization of business processes. Furthermore, we encourage our students to participate in industrial internships to acquire practical experience to complement their industrial engineering education.

An important role in all aspects of the above mentioned has a study on automation and management of any kind of systems, which aims to enable students to design, analyse, simulate and optimise the processes in order to maintain the competitiveness of the considered systems.

## Employment and Further Study Opportunities

Industrial Engineering study Program prepares students for a broad range of career choices. An Industrial Engineering degree at IUS promises a broad range of brilliant carrier opportunities. Industrial engineers are needed in all types of enterprises, ranging from large industries, such as manufacturing, logistics, transportation, and construction, to service industries, such as health care, retail, banking, insurance, marketing, and consulting to government agencies, and non-profit organizations. Therefore, and Industrial Engineering education offers the best of both worlds: an education in both engineering and business.

Our alumni work for organizations such as:

- NS Yapim Production, Turkey
- Konya Buyuksehir Belediyesi, Turkey
- Pegasus Airlines, Turkey
- The Scientific and Technological Research Council of Turkey TUBITAK
- Nobel Automotive, Turkey



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Industrial Engineering

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Program Coordinator:

**Assist. Prof. Dr. Benjamin  
Duraković**



[bdurakovic@ius.edu.ba](mailto:bdurakovic@ius.edu.ba)

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## Study Program Educational Objectives

Industrial Engineering Study Program curriculum at IUS is designed to meet the needs of the future industrial engineers in response to challenges ahead. There are five educational objectives of the study Program:

- EO1** To equip our graduates with the skills and knowledge needed for improving processes by generating models, analysing, and solving complex industrial engineering problems.
- EO2** To provide education to students so they can acquire a broad knowledge and skills in various engineering and management disciplines, which provide fundamental basis for complex and interdisciplinary approach to the problems of industry and business.
- EO3** To foster students' capacity in effective communication and leadership skills.
- EO4** To provide understanding of ethical responsibility and service toward their peers, employers, and society and the need to follow these precepts in their daily lives.
- EO5** To motivate our students to pursue life-long learning.

## Learning Outcomes

After successful completion of Industrial Engineering program at bachelor level a student will be able to:


- LO1 Describe, apply, and integrate the basic concepts and the knowledge of mathematics, science, and engineering.
- LO2 Design, develop, implement and improve integrated systems that include people, materials, information, equipment and energy using appropriate analytical, computational and experimental practices.
- LO3 Identify, formulate, and solve problems at the interface of engineering and business.
- LO4 Demonstrate their skills in computer usage, information systems, and telecommunications relevant to the industrial engineering.
- LO5 Demonstrate knowledge of the scientific method by identifying research questions; designing and implementing an independent research project, interpreting data based on scientific reasoning and evidence and conveying this knowledge formally and informally in both oral and written form.
- LO6 Use modern techniques, skills and tools necessary for industrial engineering practice and for disseminating the results of their work.
- LO7 Obtain practical experience in the field of industrial engineering through various formal and informal work experiences and assistantships.
- LO8 Obtain, analyze and interpret data from real life systems, addressing the problems associated with the application of engineering theory to real life cases.
- LO9 Analyse production and service systems, model, and apply optimization tools of industrial engineering.
- LO10 Design efficient systems based on the outcomes of optimization studies, which take environmental issues into account as well.
- LO11 Demonstrate job skills used by professional industrial engineers including the ability to set goals and priorities, work independently and in teams, locate and use career information, and develop an effective resume.
- LO12 Conduct research in both theoretical and practical aspects.
- LO13 Communicate effectively in the English language with written, oral and visual means in a technical manner;
- LO14 Find and use relevant technical literature and information sources.
- LO15 Acquire knowledge autonomously.

## Program requirements




This study Program leads to the Bachelor of Science (B.Sc.) in Industrial Engineering. It requires completion of 240 ECTS. The 240 must include 174 ECTS from the completion of the following required courses:

Required

Year 1				Total 60 ECTS. ECTS for Electives: 27
Code	Title	Semester	ECTS	
MATH101	Calculus I	Semester One	6	
MATH102	Calculus II*	Semester Two	6	
NS102	Physics	Semester Two	6	
CS100	Computer Skills	Semester One	3	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 6
Required				
Code	Title	Semester	ECTS	
ENS205	Material Science I	Semester Three	6	
ENS207	Engineering Graphics	Semester Three	6	
ENS208	Introduction to Manufacturing Systems*	Semester Four	6	
ENS213	Programming for Engineers	Semester Four	6	
MATH201	Linear Algebra	Semester Three	6	
MATH202	Differential Equations	Semester Four	6	
MATH203	Introduction to Probability and Statistics*	Semester Three	6	
MATH205	Numerical Analysis*	Semester Four	6	
MATH306	Statistical Modelling*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
IE301	Production Planning I*	Semester Five	6	
IE302	Production Planning II*	Semester Six	6	
IE303	Operations Research I*	Semester Five	6	
IE304	Operations Research II*	Semester Six	6	
IE306	Simulation*	Semester Six	6	
IE307	Quality and Reliability Engineering*	Semester Six	6	
IE309	Ergonomics*	Semester Five	6	
SPS103	Law and Ethics	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 24
Required				
Code	Title	Semester	ECTS	
IE370	Work Placement/Internship (at least 25 work days)	Semester Seven	6	
IE405	Decision Analysis*	Semester Eight	6	
IE408	Project Management*	Semester Seven	6	
IE412	Financial Engineering*	Semester Seven	6	
IE413	Manufacturing Systems*	Semester Eight	6	
IE495	Graduation Project*	Semester Eight	6	

 \* Passing a pre-requisite is required to enrol to this course.

The elective courses for Industrial Engineering study Program fall into the following three groups of courses:

-  University electives
-  Program electives
-  Faculty electives

#### IUS Pool of 6 ECTS University Course

Code	Title	Prerequisites	T	P	ECTS
ECON111	Introduction to Microeconomics		3	0	6
ECON112	Introduction to Macroeconomics		3	0	6
ELIT101	Introduction to Literature		2	1	6
ENS105	The Brain		3	0	6
IR101	Introduction to International Relations		3	0	6
NS103	Biology		3	2	6
NS104	General Chemistry		3	0	6
POLS102	Introduction to Political Science		3	0	6
PSY103	Introduction to Psychology		3	0	6
SPS120	Critical Thinking		3	0	6
SPS150	World History		3	0	6
SOC102	Introduction to Sociology		3	0	6
VA121	History of Art I		3	0	6

#### IUS Pool of 3 ECTS University Courses

Code	Title	Prerequisites	T	P	ECTS
ARCH107	Understanding Art and Architecture		2	0	3
NS111	Understanding Nature and Knowledge		2	0	3
NS112	Understanding Science and Technology		2	0	3
CULT101	Understanding Cultural Encounters		2	0	3
SPS140	Understanding Religion		2	0	3
TURK111	Spoken Turkish I		2	0	3
BOS111	Spoken Bosnian I		2	0	3
TURK112	Spoken Turkish II*	TURK111	2	0	3
BOS112	Spoken Bosnian II*	BOS111	2	0	3

## Faculty electives for IE students

Code	Title	ECTS
ARCH100	Introduction to Architectural Design	6
ARCH101	Basic Design Communication	6
ARCH108	Introduction to Architectural Design II	6
ARCH109	Introduction to Building Technology	6
BIO310	Bioinformatics	6
ENS210	Computational Biology	6
ENS302	Engineering Optics	6
ENS221	Introduction to Engineering	6
ENS203	Electrical Circuits I	6
ENS201	Electromagnetism I	6
ENS206	System Modeling	6
EE321	Electrical Machines	6
EE305	Instrumentation and Measurements	6
ENS209	Statics	6
ME210	Strength of Materials	6
ME312	Machine Elements	6
ME208	Dynamics and Vibrations	6
ENS202	Thermodynamics	6
ME306	Heat and Mass Transfer	6
ME304	Fluid Mechanics	6
CS105/204	Advanced Programming	6
CS302	Algorithms and Data Structures	6
CS305	Programming Languages	6
CS306	Database Management	6
MATH204	Discrete Mathematics	6

Must-take courses for Minor in Computer Sciences

Must-take courses for Minor in Electrical and Electronics Engineering

Any 5 courses chosen among these constitute minor in Mechanical Engineering

Minor in ECON or MAN or IBF or PSY - 5 required courses from ECON or MAN or IBF or PSY has to be completed

**Program electives for IE students**

<b>Code</b>	<b>Title</b>	<b>ECTS</b>
CS306	Database Management	6
MAN231	Financial Accounting	6
ECON301	Econometrics	6
IE305	Work Analysis and Design	6
IE318	Engineering Economics	6
IE401	Manufacturing Processes	6
IE402	Integrated Manufacturing	6
IE404	Logistics	6
IE406	Financial Analysis	6
IE407	Management Information Systems	6
IE409	Reliability Analysis	6
IE410	Design of Experiments	6
IE411	Forecasting	6
IE414	Stochastic Models	6
IE415	Scheduling and Sequencing	6
IE416	Supply Chain Management	6
IE417	Facilities Design and Planning	6
IE418	Queuing Theory	6
IE419	Managerial Economics	6
IE420	Technology and R&D Management	6
IE421	Total Quality Management	6
IE425	Computer Aided Design and Manufacturing	6
IE430	Special Topics in Industrial Engineering	6
IE440	Current Topics in Industrial Engineering	6
IE450	Seminars in Industrial Engineering	6
PSY311	Organizational Psychology	6



**Bachelor of Science (B.Sc.) in Mechanical Engineering**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Mechanical Engineering** Study Program

Mechanical Engineering program at IUS is aiming to graduate students who are able to understand and analyse a system whatever that system is (thermo-power plants, bio-system, house, car, drone, etc.). Foundation of the program is good mathematical and programming skills, and sound knowledge of applied physics and materials. The program makes students familiar with simulation engineering technologies where potentials and limitations of such technologies are explored. Energy and energy related applications are in the focus of the program, from conversion technology to production, transportation and storage. The program integrates some core electrical engineering subjects into its curriculum.

The graduates from IUS Mechanical Engineering program easily adapt to multidisciplinary engineering teams. The program's teaching philosophy emphasis approach is the one in which students throughout their education learn how to study instead of memorizing facts or mastering some particular technologies. In this way the program is preparing the students for the real world in which they will be ready to quickly enter different engineering fields and to adapt to new emerging technologies.

### Employment and Further Study Opportunities

Mechanical Engineering study Program prepares students for a broad range of career choices in the field of mechanical engineering.

Bachelor degree in mechanical engineering provides also an excellent basis for students who intend to continue their studies. In particular, it is a very good preparation for graduate programs in the area of energy technology and process engineering, but also for graduate programs in other technical disciplines.

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. This approach is informed by their keen awareness of the interdependence between technology, the individual ethics and social content in which they operate.

Our alumni work for organizations such as:

- Limak Holding, Turkey and Albania
- Bursa Buyuksehir Belediyesi, Turkey
- DNA Kalip Die Engineering & Manufacturing, Turkey
- YETER Savunma ve Havacilik, Turkey
- Groupe Renault/ Turkey



#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



#### DURATION

4 years, 8 semesters



#### HOW

Full-time, in person



#### ECTS

240



#### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Mechanical Engineering

**LANGUAGE OF INSTRUCTION:**  
English

#### Have questions?

Ask Program Coordinator:

**Assoc. Prof. Dr. Muhamed  
Hadziabdic**  
[mhadziabdic@ius.edu.ba](mailto:mhadziabdic@ius.edu.ba)

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## **Study Program Educational Objectives**

Mechanical Engineering study Program curriculum at IUS is designed to meet the needs of the future mechanical engineers in response to challenges ahead. There are five educational objectives of the study Program:

- EO1 To provide high quality education in Mechanical Engineering for its students.
- EO2 To develop students' capabilities in assessing engineering options across a broad range of subjects, their capacity to make decisions, and their creativity and flair.
- EO3 To foster students' capacity to deal with situations that cross subject boundaries by providing a multi-disciplinary environment.
- EO4 To give education to the students in a broad spectrum and prepare them for a career in a wide range of fields.
- EO5 To promote professional and ethical responsibility.

## Learning Outcomes


		Corresponding educational objectives
LO1	Demonstrate knowledge of mathematics, science and engineering as a foundation which will make it possible to understand matters in the field of mechanical engineering.	EO1
LO2	Have sound knowledge specific to mechanical engineering discipline, namely Mechanics of Solid and Fluids, Engineering Materials, Thermodynamics, Heat and Mass Transfer, Manufacturing Methods and Machine Elements.	EO2
LO3	Apply the acquired knowledge to mechanical engineering situations.	EO1
LO4	Use the techniques, skills and modern engineering tools necessary for mechanical engineering practice and interpret the results with critical thinking.	EO1
LO5	Identify and formulate mechanical engineering problems by converting real life situation into reasonably approximate models created by necessary assumptions and then employ analytical and/or computational methods to solve the problem with the required degree of precision.	EO1
LO6	Design a mechanical system, component or processes to meet desired needs with realistic constraints; namely risk assessment, economical, environmental, legal, social, political, ethical, sustainability, health and safety rules, quality considerations and manufacturability.	EO3
LO7	Analyse existing mechanical systems, components or processes in order to evaluate them from mechanical as well as financial points of view and conduct experiments, when needed, to obtain data related to the situation in question.	EO2
LO8	Find and use relevant technical literature and information sources.	EO1
LO9	Demonstrate a broad knowledge of contemporary issues with special focus on sustainability, professionalism, social responsibility, ethics, conflict resolution, multi-cultural society, emotional intelligence.	EO5
LO10	Work effectively in a team at every level and, when needed, become the team-leader.	EO4
LO11	Recognise the importance of life-long learning and participate in extra-curricular activities towards the aim of professional and personal development.	EO4
LO12	Communicate and document effectively in written and oral English language, along with their mother language, and deliver their professional work using modern technical and visual means.	EO5

## Program Requirements

This study Program leads to the Bachelor of Science (B.Sc.) in Mechanical Engineering. It requires completion of 240 ECTS.

The 240 must include 177 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
MATH101	Calculus I	Semester One	6	
MATH102	Calculus II*	Semester Two	6	
NS102	Physics	Semester One	6	
NS104 or NS103	General Chemistry/Biology	Semester One	6	
NS112	Understanding Science and Technology	Semester One	3	
ENS207	Engineering Graphics	Semester Two	6	
ENS213 or CS103	Introduction to Programming/Programming for Engineers	Semester Two	6	
ENS221	Introduction to Engineering	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
ME208	Dynamics and Vibrations*	Semester Four	6	
ME210	Strength of Materials*	Semester Four	6	
MATH201	Linear Algebra*	Semester Four	6	
MATH202	Differential Equations*	Semester Three	6	
MATH203	Introduction to Probability and Statistics*	Semester Three	6	
ENS203	Electrical Circuits I*	Semester Four	6	
ENS205	Material Science	Semester Three	6	
ENS206	System Modelling*	Semester Four	6	
ENS208	Introduction to Manufacturing Systems	Semester Four	6	
ENS209	Statics*	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
ME312	Machine Elements*	Semester Five	6	
ME304	Fluid Mechanics I*	Semester Six	6	
ME306	Heat and Mass Transfer*	Semester Five	6	
ENS202	Thermodynamics*	Semester Six	6	
MATH205	Numerical Analysis*	Semester Six	6	
EE305	Instrumentation and Measurements*	Semester Six	6	
EE311	Control System Design*	Semester Five	6	
ELIT200	Critical Reading and Writing	Semester Five	6	
Year 4				Total 60 ECTS. ECTS for Electives: 42
Required				
Code	Title	Semester	ECTS	
ME370	Work placement/Internship*	Semester Seven	6	
ME490	Graduation Project	Semester Eight	6	
SPS103	Law and Ethics*	Semester Seven	6	

 \* Passing a pre-requisite is required to enrol to this course.

- i** Elective courses for Mechanical Engineering study Program fall into the following three groups of courses: University electives, Program electives and Free electives.

In addition to Foreign Language students of Mechanical Engineering take **1 university elective course** in the Year 1 from the following list:

University electives		ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
SPS140	Understanding Religion	3
xxx	Foreign Language Elective I	3
xxx	Foreign Language Elective II	3

(&) Scholarship students will take either Spoken Turkish I and II or Spoken Bosnian I and II.

In the Years 3 and 4 students choose **seven Program electives** from the list below:

ME Program Electives		ECTS
ME301	Engineering Project I *	6
ME302	Engineering Project II *	6
ME313	Mechanical Vibrations *	6
ME401	Engineering Design I *	6
ME402	Engineering Design II *	6
ME410	Unmanned Aerial Vehicles *	6
ME411	Renewable Energy Technology *	6
ME412	Introduction to Computational Fluid Dynamics *	6
ME414	Energy Conversion Technology *	6
ME415	Computational Methods *	6
ME416	Turbomachinery *	6
ME430	Hydraulics and Pneumatics *	6
ME432	HVAC **	6
ME436	Plumbing System and Design *	6
IE306	Simulation *	6
CS304	Computer Architecture *	6
EE201	Analog Electronics I *	6
EE202	Electrical Circuits II *	6
EE221	Object Oriented Programming *	6
EE325	Embedded Systems *	6
ENS201	Electromagnetism I *	6
ENS302	Engineering Optics	6
IE301	Production Planning, I	6
IE303	Operations Research I	6
IE305	Work Analysis and Design *	6
IE307	Quality and Reliability Engineering *	6
IE309	Ergonomics *	6
IE318	Engineering Economics *	6
IE425	Computer Aided Design and Manufacturing *	6
IE408	Project Management *	6
MATH306	Statistical Modeling *	6

- i** \* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course. Please check <https://me.ius.edu.ba/me-curricula> for more details. In exceptional cases only, Faculty Council may make a decision for a student bypass a prerequisite for any course.

NOTE: Two program electives can be selected from other junior or senior level courses in FENS subject to the consent of Program Coordinator.

**Bachelor of Science (B.Sc.) in Software Engineering**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Software Engineering** Study Program

Software engineering is a form of engineering that applies the principles of computer science and mathematics in achieving economically effective solutions for software problems. The main objectives of the Software Engineering (SE) study program are targeted at acquiring general and specific competences in the field of software engineering. One of the main aims of the program is the development of knowledge, skills, methods, tools, and procedures that will enable software engineers to produce a variety of reliable software. Most courses involve practical work, such as weekly sessions in computer laboratory where students acquire technical and research skills. Project based learning as well as liberal art courses prepare our students for soft skills such as teamwork, written and oral communication skills which are crucial for a successful employment career.

Other than offering core foundation courses in SE, the students are able to select and shape their specific interests within the SE curriculum by selecting from a variety of courses offered within elective course list. Students can as a result, select and shape their specific interests within the SE curriculum that will result in implications across a wide range of disciplines including embedded systems, bioinformatics, telecommunications, cybersecurity, artificial intelligence, healthcare and many more.

Specialisations (minors) are possible within the study program. Please consult your advisor for the pools of elective courses for the modules (minors) of Industrial Engineering (IE), Genetics and Bioengineering (GBE), Mechanical Engineering (ME) or Electrical and Electronics Engineering (EE).

## Employment and Further Study Opportunities

Software engineers work with businesses, government agencies and non-profit organizations. Some software engineers work for themselves as freelancers. Some organizations require specialists to perform each of the tasks in the software development process, so software engineers may specialise in only one role.

Specializations may be pursued: in industry (analysts, quality assurance, developers, architects, managers) and in academia (lecturers and researchers.)

Software engineers have excellent opportunities to continue their studies in post graduate studies at IUS or elsewhere.



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Science (B.Sc.) in  
Software Engineering

### LANGUAGE OF INSTRUCTION:

English

### Have questions?

Ask Program Coordinator:

**Assist. Prof. Dr. Kanita  
Karađuzović - Hadžiabdić**  
[khadziabdic@ius.edu.ba](mailto:khadziabdic@ius.edu.ba)  
++387 33 957 415





## Educational Objectives

Educational objectives of SE program are:

- EO1            To prepare the students for abstract problem solving, logical reasoning and main mathematical skills, while providing in-depth knowledge in computer programming.
- EO2            To provide the students with the knowledge of practical problem solving and design patterns applied in the industry.
- EO3            To prepare the students for successful careers.
- EO4            To prepare the students for the implementation of effective software engineering processes based on the knowledge of development lifecycle models.
- EO5            To train the students on the soft skills, such as teamwork, written and oral communication, which are crucial for successful employment career.
- EO6            To apply the code of ethics and show professional practice towards the client, employer, colleagues, profession and society.

## Learning Outcomes

After successful completion of the study Program, students will be able to:




- LO 1            present the key elements of software development processes as practiced in the industry.
- LO2            analyse a problem, and identify and define the computing requirements appropriate to its solution using the Unified Modelling Language.
- LO3            design, implement and evaluate computer systems, processes, components or programs to meet desired needs, using appropriate development lifecycle models.
- LO4            apply key mathematical foundations, algorithmic principles and theory in design and modelling of computer systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
- LO5            apply current techniques, skills and tools necessary for computing practice.
- LO6            implement design and development principles in the construction of software systems of varying complexity.
- LO7            effectively work in teams to accomplish a common goal, using the skills such as organization, planning, time management and communication with a range of audiences.

## Program Requirements

The Bachelor of Software Engineering requires completion of 240 ECTS, out of which 90 ECTS are electives. The 240 ECTS must include 150 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
SE211	Software Construction*	Semester Two	6	
CS103	Introduction to Programming	Semester One	6	
CS105	Advanced Programming*	Semester Two	6	
MATH101	Calculus I	Semester One	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
SE302	Software Testing and Maintenance*	Semester Three	6	
CS304	Computer Architecture*	Semester Four	6	
CS305	Programming Languages*	Semester Three	6	
CS306	Database Management*	Semester Four	6	
MATH201	Linear Algebra*	Semester Four	6	
MATH203	Introduction to Probability and Statistics*	Semester Three	6	
MATH204	Discrete Mathematics*	Semester Three	6	
MATH209	Discrete Mathematics II*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
SE308	Communication Systems and Networks*	Semester Six	6	
SE322	Software Requirements Analysis*	Semester Five	6	
SE406	Software Engineering Management*	Semester Six	6	
CS302	Algorithms and Data Structures*	Semester Five	6	
CS307	Operating Systems*	Semester Five	6	
CS308	Software Engineering*	Semester Six	6	
CS310	Human Computer Interaction	Semester Five	6	
ELIT200	Critical Reading and Writing	Semester Five	6	
Year 4				Total 60 ECTS. ECTS for Electives: 36
Required				
Code	Title	Semester	ECTS	
SE370	Work Placement/Internship	Semester Seven	6	
SE407	Software Quality Management*	Semester Eight	6	
CS412	Web Application Development*	Semester Seven	6	
CS420	Network Programming*	Semester Seven	6	
SE490	Graduation Project (Last Semester standing)	Semester Eight	6	

The elective courses for Software Engineering study Program fall into the following three groups of courses:

-  University electives
-  Program electives
-  Faculty electives

### University Electives

In addition to Foreign Language SE students choose **2 University elective courses in Year 1** from the following list:

University electives		ECTS
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3
ECON105	Understanding Politics, Economy and Management	3
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
IBF205	Principles of International Business	6
IR101	Introduction to International Relations	6
MAN102	Management	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
<b>Natural Sciences Sub-pool</b>		
CS100	Computer Skills	3
ENS105	The Brain	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
<b>Arts Sub-pool</b>		
ARCH107	Understanding Art and Architecture	3
VA121	History of Art I	6
<b>Language Elective Sub-pool</b>		
xxx	Foreign Language I (&)	3
xxx	Foreign Language II (&)	3

(&) Scholarship students will take either Spoken Turkish I and II or Spoken Bosnian I and II.

In the **Years 3 and 4** SE students choose 2 faculty electives, 6 program electives and 2 free electives from the following lists:

Faculty electives for SE students		
Code	Title	ECTS
BIO301	Molecular Biology*	6
BIO415	Genetic Engineering*	6
EE201	Analog Electronics I*	6
EE202	Electrical Circuits II*	6
EE305	Instrumentation and Measurements*	6
EE311	Control System Design*	6
EE321	Electrical Machines*	6
EE322	Power Systems*	6
ENS201	Electromagnetics I*	6
ENS202	Thermodynamics*	6
ENS203	Electrical Circuits I*	6
ENS205	Material Science	6
ENS206	System Modeling*	6
ENS207	Engineering Graphics	6
ENS208	Introduction to Manufacturing Systems*	6
ENS209	Statics*	6
ENS211	Signal and Systems*	6
ENS221	Introduction to Engineering	6
ENS302	Engineering Optics*	6
MATH102	Calculus II*	6
MATH202	Differential Equations*	6
MATH205	Numerical Analysis*	6
MATH207	Vector Calculus*	6
MATH306	Statistical Modeling*	6
ME208	Dynamics and Vibrations*	6
ME304	Fluid Mechanics*	6
ME306	Heat and Mass Transfer*	6
NS102	Physics	6
NS205	Cell Biology*	6
NS207	Organic Chemistry*	6
NS209	Genetics I	6
IE301	Production Planning I*	6
IE303	Operations Research I*	6
IE304	Operations Research II*	6
IE307	Quality and Reliability Engineering	6
IE408	Project Management	6

### Program electives for SE students

Code	Title	ECTS
BIO310	Bioinformatics*	6
CS299	Social, Legal and Ethical issues in Computing	6
CS303	Digital Design	6
CS309	Advanced Logic Design*	6
CS313	Theory of Computation*	6
CS402	Introduction to Design of Compilers*	6
CS403	Distributed Systems*	6
CS404	Artificial Intelligence*	6
CS405	Computer Graphics*	6
CS413	Developing the Interactive Web*	6
CS414	Computer Vision*	6
CS415	Pattern Recognition*	6
CS416	Cryptography*	6
CS417	Introduction to Data Mining*	6
CS421	Architecture and Implementation of Database Management Systems*	6
CS422	Wireless Mobile Networks*	6
CS423	Parallel Computing*	6
CS426	Software Engineering II*	6
CS427	Computer and Network Security*	6
CS498	Special Topics in Computer Science I	6
CS499	Special Topics in Computer Science II	6
EE325	Embedded Systems*	6
EE331	Introduction to Communications Systems	6
EE418	Introduction to Machine Learning	6
EE434	Digital Communications*	6
EE435	Microprocessors I	6
EE436	Programmable Logic Controllers*	6
EE437	Introduction to Robotics	6
MAN461	Management Information Systems	6
SE304	Tools and Methods of CASE Technologies*	6
SE401	SCADA Systems*	6
SE402	Programming for CNC Machines*	6
SE403	Development of Science and Technology*	6
SE404	Psycho Cybernetics*	6
SE421	CAD Systems*	6
SE423	Automatics and Robotics*	6

**2 Program Electives may be selected from other FENS Programs (including FENS graduate level courses) with the approval of Program Coordinator.**



## **Faculty of Arts and Social Sciences (FASS)**

**Bachelor of Arts (B.A.) in English Language and Literature**

**Info Catalogue**

**Academic Year 2017-2018**



## About the English Language and Literature Study Program

The English Language and Literature Program is a diverse program that offers courses in three major areas: literature, language and pedagogy. Courses in literature explore the historical development, major genres, writers and works, important movements, and different critical approaches of literature in English, with a focus on British literature. Courses in language focus on both the history and structure of the English language. Pedagogy courses introduce students to the different teaching styles, approaches and methods as well as giving instruction and practice in teaching English as a second language. The program is designed to give students the necessary knowledge and skills to work in a diversity of fields upon graduation.

After completing our program, students understand the value of communication and representation in the context of English as a global language, and how language and culture determine a nation's understanding and ability to accurately represent its identity.

## Employment and Further Study Opportunities

The ELIT Program's interdisciplinary approach aims at developing broadly educated individuals who are able to apply their knowledge and skills creatively and flexibly in a broad range of situations and prepares them for a wide range of careers, or for further study at postgraduate level.

Our alumni work for organizations such as:

- American Culture College, Turkey
- Bahcesehir University, Turkey
- Cinar Koleji, Turkey
- Leapfrog Online
- T.C. Milli Egitim Bakanligi –MEB, Turkey



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A.) in  
English Language and  
Literature

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Assist. Prof. Dr. Reyyan Bal  
Head of Department of  
Cultural Studies



reyyan@ius.edu.ba  
++387 33 957 309

## Educational Objectives

- EO1 To enhance the level of students' English competency and improve their language skills.
- EO2 To ensure that students could use their language skills properly and effectively.
- EO3 To expose students to the range and variety of approaches to literary study, which may include creative practice, performance, and extensive specialization in critical, educational or linguistic theory.
- EO4 To demonstrate how literature and language produce and reflect cultural change and difference.
- EO5 To help students recognize the multi-faceted nature of English Language and Literature, and of its complex relationship to other disciplines and forms of knowledge.
- EO6 To provide a groundwork for interdisciplinary study.
- EO7 To promote an atmosphere for the practical activities of scholarship in English Literature and Language.
- EO8 To prepare students for professional life after their graduation.

## Learning Outcomes

- LO1 Detect relations between the nature of language, the concept of meaning and socio-cultural variables.
- LO2 Understand the significant number of texts from various periods of English literature according to the principles of some of the flows of literary criticism.
- LO3 Identify different approaches to the analysis of spoken and written text, analyzing sentences and groups of sentences, vocabulary analysis, analysis of spoken interaction, the interpretation of literary practice, the study of (non) standard languages and the standardization process.
- LO4 Describe the fundamental values and principles of teaching through personal educational stance that relies on the fundamental knowledge and understanding of the domain of educational studies.
- LO5 Demonstrate understanding of generic conventions and discourse variables that determine factors such as authorship, creating text, target audience and critical reading.
- LO6 Interpret literary and non-literary texts, relying on the concepts and theories that are prevalent in the English language.
- LO7 Communicate fluently and correctly in English at level C1.
- LO8 Transmit knowledge on various topics orally and in writing.
- LO9 Develop criteria for determining and reviewing their own principles of professional ethics.
- LO10 Analyze different concepts with an interdisciplinary approach to knowledge.
- LO11 Demonstrate a strong work ethic and interpersonal skills.
- LO12 Demonstrate the skills needed to acquire further knowledge in formal and informal contexts.
- LO13 Gather data from various sources in order to explore the deeper understanding of the sphere of interest.

## Program Requirements

The Bachelor of English Language and Literature requires completion of 240 ECTS, out of which 156 ECTS are electives. The 240 ECTS must include 84 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT101	Introduction to Literature	Semester One	6	
ELIT105	Introduction to Linguistics	Semester Two	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
ELIT202	Survey of English Literature I	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 36
Required				
Code	Title	Semester	ECTS	
EDU102	Introduction to Pedagogy	Semester Four	6	
ELIT201	Academic Writing*	Semester Four	6	
ELT202	Language Acquisition	Semester Three	6	
ELIT203	Survey of English Literature II	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 48
Required				
Code	Title	Semester	ECTS	
ELT321	Introduction to English Language Teaching Methodology	Semester Five	6	
ELIT415	Shakespeare	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 42
Required				
Code	Title	Semester	ECTS	
ELT370	Work Placement/Internship*	Semester Seven	6	
ELIT412	Literary Theory and Criticism I*	Semester Seven	6	
ELIT413	Literary Theory and Criticism II*	Semester Eight	6	

## University Electives

In addition to Foreign Language, ELIT students choose **2 University elective courses in Year 1** from the following list:

### 6 ECTS University electives for ELIT students

Code	Title	ECTS
CS103	Introduction to Programming	6
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
MAN102	Introduction to Management	6
MATH100	Mathematical Skills	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
POLS101	Introduction to Philosophy	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

### 3 ECTS University electives for ELIT students

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
ECON105	Understanding Politics, Economy and Management	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3

### Foreign Language Electives

Code	Title	ECTS
BOS121	Spoken Bosnian I	3
BOS122	Spoken Bosnian II	3
TURK121	Spoken Turkish I	3
TURK122	Spoken Turkish II	3

## Program electives for ELIT students

Code	Title	ECTS
ELIT205	Classical Literature	6
ELIT208	Classical Mythology	6
ELIT209	British Culture	6
ELIT302	Renaissance Poetry	6
ELIT304	Restoration and the Eighteenth-Century Literature	6
ELIT305	Elizabethan and Jacobean Drama*	6
ELIT307	Rise of Novel	6
ELIT308	Victorian Novel*	6
ELIT309	Short Story	6
ELIT401	The Romantic Age*	6
ELIT402	Victorian Poetry*	6
ELIT403	Twentieth Century Poetry	6
ELIT404	Contemporary Poetry	6
ELIT405	Modern Drama	6
ELIT406	Contemporary Drama	6
ELIT407	Modern Novel*	6
ELIT408	Contemporary Novel	6
ELIT410	Shakespeare II*	6
LITE207	Creative Writing	6
LITE302	American Poetry	6
LITE303	African-American Literature	6
LITE304	Children's Literature	6
LITE305	Nineteenth Century	6
LITE306	Fantasy Literature	6
LITE307	Comparative Literature	6
LITE308	Literature on Film	6
LITE309	Women and Literature	6
LITE310	Popular Literature	6
LITE311	World Literature	6
LITE401	American Drama	6
LITE402	American Novel	6
LITE403	Utopias and Dystopias	6
LITE405	Recurrent Themes	6
LITE406	Literature and Other Fields	6
LITE408	Major Figures	6
LITE411	Turkish-English Translation I*	6
LITE412	Turkish-English Translation II*	6
LITE413	Bosnian-English Translation I*	6
LITE414	Bosnian-English Translation II*	6

### Program electives for ELIT students

Code	Title	ECTS
EDU211	Curriculum and Material Design	6
EDU212	Testing and Evaluation	6
EDU311	Inclusive Education	6
EDU312	Social Pedagogy	6
EDU321	Instructional Technology	6
EDU322	Pedagogy	6
EDU323	Didactics	6
EDU324	English Morphosyntax	6
EDU411	Theories & Approaches in Teaching & Learning	6
EDU423	Pedagogic Counseling	6
ELT212	English Syntax	6
ELT213	Introduction to Semantics	6
ELT214	Introduction to Pragmatics	6
ELT310	English Morphology	6
ELT311	English Phonetics	6
ELT312	Introduction to Discourse Analysis	6
ELT313	Classroom Management	6
ELT322	English Language Teaching Methodology	6
ELT323	Early Foreign Language Learning	6
ELT411	Computer Assisted Language Learning	6
ELT412	Situated Language Practices	6
ELT413	Applied Second Language Acquisition	6
ELT421	Introduction to Psycholinguistics	6
ELT422	Introduction to Sociolinguistics	6

**Bachelor of Arts (B.A.) in Political Sciences and Sociology**

**Info Catalogue**

**Academic Year 2017-2018**



## About the **Social and Political Sciences** Study Program

Social and Political Sciences Program (SPS) offers an interdisciplinary curriculum focusing on Political Science as the major field and covering Sociology, History and Philosophy as supplementary fields.

This perspective is mainly pursued at undergraduate level (first cycle). As SPS offers education at both undergraduate and graduate levels (second and third cycles), SPS graduate study programs are tailored for specialisation according to the interest areas of students.

Expert academic staff, including visiting professors from abroad, offers a wide range of courses in order to cover the diversity presented by the program curriculum and also to enable students to specialise in areas of their choice. Program graduates at all levels find career opportunities at home and abroad in both private and public sectors, including the academia. Our mission is to equip our students with tools necessary to establish an understanding of world affairs without disregarding the significance of the “global” in “local” and “local” in “global”.

## Employment and Further Study Opportunities

Areas of work where our graduates may find job include politics and government, policy, civil society organizations, journalism, social and political research and education. Also, our graduates may further specialize in a particular area at Master level at IUS or elsewhere.

Our alumni work for organizations such as:

- Tasarruf Mevduati Sigorta Fonu – TMFS, Turkey
- Movimento Cristiano Lavorti, Italy
- Diyanet Isleri Baskanligi, Turkey
- NGO Insan Medeniyet Hareketi/Toplumsal Degisim, Turkey



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A.) in  
Political Science and  
Sociology

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Head of Department of  
Social Sciences

Assoc. Prof. Dr. Aliye Fatma  
Mataraci





[amataraci@ius.edu.ba](mailto:amataraci@ius.edu.ba)  
+387 33 957 317

## Program requirements

The Bachelor of Political Science and Sociology requires completion of 240 ECTS, out of which 78 ECTS are electives. The 240 ECTS must include 162 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
POLS101	Introduction to Philosophy	Semester One	6	
POLS102	Introduction to Political Science	Semester One	6	
SOC102	Introduction to Sociology	Semester Two	6	
IR101	Introduction to International Relations	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
MATH100	Mathematical Skills	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
POLS204	Comparative Political Analysis*	Semester Three	6	
POLS211	Politics and the Media	Semester Four	6	
POLS212	Political Participation	Semester Four	6	
SOC201	Social Theory*	Semester Three	6	
HIST201	Historical Thought	Semester Four	6	
HIST202	History of the Balkans	Semester Three	6	
IR215	EU System*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
POLS301	Political Philosophy*	Semester Five	6	
POLS302	Contemporary Political Thought*	Semester Six	6	
POLS303	Survey of Political History*	Semester Six	6	
POLS304	Politics in BiH*	Semester Five	6	
POLS306	Religion and Politics*	Semester Five	6	
SPS311	Quantitative Research Methods*	Semester Five	6	
SPS312	Qualitative Research Methods*	Semester Six	6	
SOC351	Political Sociology*	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
SPS370	Work Placement/Internship	Semester Seven	6	
POLS407	Politics and Governance in the Balkans	Semester Eight	6	
POLS499	Graduation Project	Semester Eight	6	
SOC404	New Social Movements	Semester Eight	6	
HIST309	Social and Economic History of Europe	Semester Seven	6	

The elective courses for SPS study Program fall into the following four groups of courses:

-  University electives
-  Program electives

Program electives for SPS students		
Code	Title	ECTS
POLS223	Nations, Ethnicities and Ideologies	6
POLS401	Philosophical Approaches to Modernity	6
POLS410	Politics in the Middle East	6
POLS412	Issues in Turkish Politics	6
HIST221	Early Ottoman History	6
HIST222	Late Ottoman History	6
HIST304	History of World Religions	6
HIST313	History of the Middle East	6
HIST331	Early Islamic History	6
HIST361	History of the United States	6
SOC311	Sociology of Religion	6
SOC314	Sociology of Everyday Life	6
SOC321	Urban Sociology	6
SOC410	Community Studies	6
SOC412	Multiculturalism and Social Change	6
CULT310	Bosnian Cultural Heritage I	6
CULT311	Bosnian Cultural Heritage II	6
IR211	International Relations Theories	6
IR212	Politics in Europe	6
IR213	International Issues in the Balkans	6
IR216	Foreign Policy Analysis	6
IR301	Political Geography and Geopolitics	6
IR305	International Organizations	6
IR331	Diplomatic History	6
IR333	Turkish Foreign Policy	6
IR334	US Foreign Policy	6
IR337	Russian and Post-Soviet Politics	6
IR339	Latin America in World Politics	6
IR461	Conflict Analysis	6
IR462	Ethnicity and Ethnic Conflicts	6
IR463	Migration, Refugees and Diasporas	6
IR464	Studies in Genocide	6
IR472	Human Rights	6
IR476	Global Environmental Issues	6

## University Electives

In addition to Foreign Language SPS students choose **2 University elective courses in Year 1** from the following list:

### University Electives for SPS Students

Pool of 3 ECTS University Courses for 2017-2018		
Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
SPS140	Understanding Religion	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
xxx	Foreign Language Elective I	3
xxx	Foreign Language Elective II	3

Pool of 6 ECTS University Course for 2017-2018		
Code	Title	ECTS
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
IBF101	Introduction to Business	6
VA121	History of Art I	6
MAN102	Introduction to Management	6
PSY103	Introduction to Psychology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6

**Bachelor of Arts (B.A.) in Psychology**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Psychology** Study Program

The IUS Psychology program provides students with the theoretical and practical foundations to develop as professional scientists and practitioners of psychology. Scientific skills are acquired through courses in statistics, research methods, and experimental psychology (e.g., biological, cognitive, developmental, and social psychology). Practitioner skills are developed through applied courses and service experiences (e.g., psychometrics, personality, health, and clinical psychology). Both facets of the program strive to promote an integrated understanding of the principles governing human behavior and mental processes as well as an enlightened professional responsibility for the welfare of others and society. Successful completion of the program allows students either to pursue graduate studies in psychology or assume employment in professional settings.

## Employment and Further Study Opportunities

Future employability of students is taken into account in the design of learning outcomes. Graduates of the Bachelor's program are qualified to work as: psychologists or consultants in many major disciplines, such as education, social work, marketing, human resources, mental health, law and ageing in both public and private sectors.

Students who complete the first study cycle in Psychology have an opportunity to continue further education at the second study cycle in areas such as clinical psychology, counselling or educational psychology, mental health, industrial or work psychology, as well as in other areas of science.

Our alumni work for organizations such as:

- Turk Red Crescent, Turkey
- Ankara Municipality: Women and Family Health Department, Turkey
- Health Collage, Turkey
- NGO Ženska Soba, Bosnia and Herzegovina



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A.) in  
Psychology

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Program Coordinator  
Assoc. Prof. Dr. Giovanni  
Misceo

[gmisceo@ius.edu.ba](mailto:gmisceo@ius.edu.ba)



## Educational Objectives

- EO1** To acquire knowledge about psychology as a discipline and theoretical perspectives in psychology.
- EO2** To learn principles and historical trends as well as new trends and movements in psychology.
- EO3** To gain an understanding of the narrower scientific psychology field.
- EO4** To acquire knowledge on research methods and techniques.
- EO5** To learn how to apply critical thinking skills in relation to theory and research.
- EO6** To develop students' skills in applying knowledge gained from research in the field of psychology.
- EO7** To develop professional and personal competencies, which will prepare them for their future career.
- EO8** To develop communication skills, critical thinking skills and the understanding of complex psychological issues.
- EO9** To apply ethical and multicultural principles in their professional work and career.

## Learning Outcomes

After successful completion of the Psychology Study Program, graduates will be able to:

### *Knowledge Acquired*

- LO1** Demonstrate a basic understanding and knowledge about the nature of psychology as a discipline (approaches, history and specific issues in specific psychological disciplines).
- LO2** Explain the major perspectives in psychology (e.g., behavioural, biological, cognitive, evolutionary, humanistic, psychodynamic and socio-cultural).
- LO3** Describe the basic characteristics of the scientific method as well as its application in psychology (quantitative, qualitative and experimental methods).
- LO4** Adopt the basic concepts, knowledge and principles of the general theory, measurement and psychological testing and understanding of the problem of determining the reliability and validity of psychological measurement instruments.
- LO5** Demonstrate knowledge and understanding of certain narrow theoretical areas (general psychology, biological, cognitive, developmental, social and cross-cultural psychology, psychopathology, and personality psychology).
- LO6** Recognize the situational context, understanding gender and ethnic differences, the status of people with disabilities, and other variables that are important in understanding the theory of measurement.
- LO7** Demonstrate a systematic understanding of knowledge from psychology and extend it with new knowledge in the field of clinical psychology and counseling.
- LO8** Demonstrate knowledge of current challenges and controversies in psychology.
- LO9** Apply knowledge in designing research projects and writing academic papers.
- LO10** Acquire knowledge about the role and use of counseling and therapy in the prevention and treatment of physical illness.
- LO11** Demonstrate basic knowledge of the application and the role of pharmacotherapy in clinical psychology and counseling.
- LO12** Adopt advanced knowledge in the most effective therapeutic interventions.
- LO13** Demonstrate knowledge of the importance of individuals, groups and organizations and encourage their optimum development, as applicable throughout the service keeping in mind the cultural relevance.



## *Skills*

- LO14** Analyze and critically evaluate the accuracy of the conclusions drawn during psychological research.
- LO15** Interpret major issues in applied areas of psychology (e.g., psycho diagnostic, counseling, education, social psychology, psychology and organizational psychology).
- LO16** Apply psychological skills in assessment, treatment and evaluation of clients and groups.
- LO17** Attain skills to analyze how psychological principles can be used to explain social issues.
- LO18** Demonstrate reasonable skepticism and intellectual curiosity about the causes of behaviour.
- LO19** Organize non-experimental and experimental research that involves the application of statistical and methodological knowledge and qualitative analysis.
- LO20** Apply existing measurement instruments and adequately interpret them.
- LO21** Construct measuring instruments and do normative analysis of measurement instruments.
- LO22** Evaluate existing measurement instruments (reliability, validity, objectivity and sensitivity), which can work to improve these psychometric characteristics.
- LO23** Acquire knowledge in the theory and models of clinical psychology and consoling, and to use them for the purpose of diagnosis and treatment of psychological disorders;
- LO24** Conducts a clinical interview, demonstrate the skill of writing history and clinical evaluation;
- LO25** Apply knowledge about the causes of trauma, stress and burnout, and identifying and targeting the most effective therapeutic interventions;
- LO26** Apply knowledge in the field of research methodology in terms of making your own research project which represents an original contribution to the specific field of clinical psychology.
- LO27** Apply skills of appropriate therapeutic techniques in accordance with the specific developmental age of the client.
- LO28** Develop skills to apply specific techniques in consoling and therapy.
- LO29** Critically analyze contemporary controversies in the research aspects of lifelong development and application in consoling and therapy.

LO30

Apply verbal communication skills and techniques using two languages (English and mother language).

LO31

Apply ethical principles and professional ethics in all aspects of science, psychological practice and research.

LO32

Recognize and respect human diversity and understand that psychological explanations may be different, depending on the culture and context.

LO33

Behave in accordance with codes of ethics and the principles of professionalism in clinical practice and research, including sensitivity to issues of diversity.

LO34

Integrate science and practice in the assessment, treatment and preventive interventions.

LO35

Acquire competencies that are reflecting on a wide range of problems in the field of psychology and other related fields, and to make judgments about the various ethical and social issues within a specific context.

### *Competences (Personal)*

LO36

Use critical and creative thinking in work and lifelong learning.

LO37

Discuss and use non-psychological principles and theoretical approaches (philosophy, biology, sociology, anthropology) in professional work as well as everyday life.

LO38

Apply interpersonal and team work skills that are necessary for further studies and future employment.

LO39

Demonstrate the skills of gathering information, skills, studying library and bibliographic material, and reading and writing papers.

LO40




Develop competencies to understand and critically analyze research findings in the field of clinical psychology and counseling.

## Program Requirements

The Bachelor of Psychology requires completion of 240 ECTS, out of which 90 ECTS are electives. The 240 ECTS must include 150 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
PSY103	Introduction to Psychology	Semester One	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
MATH100	Mathematical Skills	Semester Two	6	
POLS101	Introduction to Philosophy	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 24
Required				
Code	Title	Semester	ECTS	
PSY105	Statistics in Psychology I	Semester Three	6	
PSY202	Research Methods in Psychology*	Semester Four	6	
PSY207	Introduction to Developmental Psychology*	Semester Three	6	
PSY209	Developmental Psychology II*	Semester Four	6	
PSY210	Health Psychology*	Semester Three	6	
PSY211	Statistics in Psychology II*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
PSY204	Biological Psychology*	Semester Five	6	
PSY301	Cultural Psychology	Semester Five	6	
PSY303	Personality Psychology*	Semester Six	6	
PSY305	Cognitive Psychology*	Semester Five	6	
PSY308	Social Psychology*	Semester Six	6	
PSY311	Organizational Psychology*	Semester Six	6	
PSY314	Educational Psychology*	Semester Six	6	
PSY329	Psychometrics*	Semester Five	6	
Year 4				Total 60 ECTS. ECTS for Electives: 24
Required				
Code	Title	Semester	ECTS	
PSY370	Internship/Work Placement	Semester Seven	6	
PSY402	Experimental Psychology*	Semester Seven	6	
PSY412	Abnormal Psychology*	Semester Eight	6	
PSY425	History & Systems*	Semester Seven	6	
PSY498	Graduation Projects – Synthesis*	Semester Eight	6	
PSY497	Graduation Project	Semester Seven	6	

The elective courses for Psychology study Program fall into the following three groups of courses:

-  University electives
-  Program Electives
-  Free Electives

In addition to Foreign Language PSY students choose **2 University elective courses in Year 1** from the following

#### YEAR 1

In addition to Foreign Language electives, PSY students choose 2 University elective courses from the TABLE 1, 3 University electives from TABLE 2, and 2 Free electives (See TABLE 3 for the recommended free elective courses for PSY):

#### YEAR 2

In the Year 2, PSY students choose 2 Faculty electives (See TABLE 5) and 2 Free elective courses.

#### YEAR 3

In the Year 3, PSY students choose 1 Program elective (See TABLE 4) and 1 Free elective.

#### YEAR 4

In the Year 4, PSY students choose 4 Program electives (See TABLE 4).

### University Electives

#### IUS Pool of 3 ECTS University courses for 2017-2018

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
SPS140	Understanding Religion	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
TURK121	Spoken Turkish I *	3
BOS121	Spoken Bosnian II *	3
TURK122	Spoken Turkish II **	3
BOS122	Spoken Bosnian II **	3

\*Scholarship students will take either Spoken Turkish I or Spoken Bosnian II.

\*\*Scholarship students will take either Spoken Turkish II or Spoken Bosnian II.

#### IUS Pool of 6 ECTS University courses for 2017-2018

Code	Title	ECTS
CS103	Introduction to Programming	6
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
POLS102	Introduction to Political Science	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

#### Recommended Free Electives for PSY students

Code	Title	ECTS
BIO303	Genetics II	6
CS103	Introduction to Programming	6
CS310	Human Computer Interaction	6
CS404	Artificial Intelligence	6
ECON310	Game Theory	6
ECON330	Industrial Organization	6
IR472	Human Rights	6
IR465	Political Violence and Terrorism	6
ELIT208	Classical Mythology	6
LITE304	Children's Literature	6
MAN302	Human Resource Management	6
MAN345	Organizational Leadership	6
MAN352	Consumer Behavior	6
NS209	Genetics I	6
POLS223	Nations, Ethnicities and Ideologies	6
SOC314	Sociology of Everyday Life	6

### Program electives for PSY students

Code	Title	ECTS
PSY200	Psychology in Practice	6
PSY206	Adolescence and Youth Culture	6
PSY336	Psychotherapy and Counseling	6
PSY403	Applied Personality Psychology	6
PSY404	Applied Cognitive Psychology	6
PSY405	Applied Educational Psychology	6
PSY406	Positive Psychology	6
PSY407	Psycholinguistics	6
PSY408	Sport Psychology	6
PSY409	Child Psychopathology	6
PSY414	Psychology of Adulthood and Aging	6
PSY416	Art Psychology	6
PSY417	Psychodiagnostics	6
PSY419	Virtual Youth Development	6
PSY420	Attitudes and Collective Behavior	6
PSY421	Psychology of Religion	6
PSY422	Trauma Psychology	6
PSY432	Intergroup Relations and Behaviors	6
PSY434	Personnel Psychology	6
PSY457	Emotion and Cognition	6
PSY458	Neuropsychology	6
PSY463	Professional Orientation – Career Guidance	6
PSY464	Political Psychology	6
PSY465	Family Psychology	6
PSY410	Applied Experimental Psychology	6
PSY423	Forensic Psychology	6
PSY424	Social Cognition	6

### Recommended Faculty Electives for PSY students

Code	Title	ECTS
ELIT208	Classical Mythology	6
ELIT309	Short Story	6
ELIT405	Modern Drama	6
ELIT406	Contemporary Drama	6
LITE401	American Drama	6
LITE207	Creative Writing	6
LITE30	Children Literature	6
LITE403	Utopias and Dystopias	6
EDU423	Pedagogic Counseling	6
POLS306	Religion and Politics	6
POLS301	Political Philosophy	6
POLS302	Contemporary Political Thought	6
SPS311	Quantitative Research Methods	6
SOC311	Sociology of Religion	6
SOC314	Sociology of Everyday Life	6
SOC404	New Social Movements	6
SOC410	Community Studies	6
SOC412	Multiculturalism and Social Change	6

**Bachelor of Arts (B.A.) in Visual Arts and Visual Communications Design**

**Info Catalogue**

**Academic Year 2017-2018**



## About the **Visual Arts and Visual Communications Design (VACD) Study Program**

The VACD program is an interdisciplinary study Program with a flexible curriculum that allows students to select their own courses of study within the disciplines of graphic design and new media studies. This structure facilitates specialisation in a given field while enabling cross-track education, giving students an opportunity to be more versatile and successful in today's professional world.

VACD program provides an ideal setting in which students can engage in critical problem solving practices through research and application of the conventional teaching methods. By stressing the importance of projects and deadlines rather than traditional homework and tests, we provide students with less repetitive and therefore a more intellectual experience and better prepare them for their future career. The VACD Program strives to provide students with a unique and progressive environment in which they can excel in their ambition and creativity.

Founded in 2004, the Program has rapidly bridged the fields of design and digital media focusing mainly on the international teaching approach – studio based practical learning experience. Students can continue their education in an MA studies program, (MA of Visual Arts and Communication Design).

### Employment and Further Study Opportunities

VACD study Program prepares students for a broad range of career choices in the field of visual arts and design.

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. This approach is informed by their keen awareness of the interdependence between technology, the individual ethics and social content in which they operate.

Our alumni work for organizations such as:

- TRT Turkish Radio and Television Corporation, Turkey
- Turkish Airlines, Turkey
- Anadolu Agency, Serbia
- New Media People, Bosnia and Herzegovina
- Prime time, Bosnia and Herzegovina

#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo

#### DURATION

4 years, 8 semesters

#### HOW

Full-time, in person

#### ECTS

240

#### QUALIFICATION

Bachelor of Art (B.A.) in  
Visual Arts and Visual  
Communication Design

**LANGUAGE OF INSTRUCTION:**  
English

#### **Have questions?**

Ask Head of Department of  
Arts:

**Kenan Zekić, MA**  
[kzekic@ius.edu.ba](mailto:kzekic@ius.edu.ba)  
++387 33 957 415



## Educational Objectives

- EO1** To provide the opportunity to research and practice a range of studio disciplines.
- EO2** To enable the student to explore materials, processes and techniques which will contribute to a high level of material and expressive skills, perceptual awareness and independence of imagination.
- EO3** To gain arts technology and craft skills, an awareness of the contemporary relationships between technology and contemporary arts practice, professional work habits and expertise in studio management procedures and the safe use of tools and equipment.
- EO4** To develop an appreciation of the cultural contributions offered by the arts to society.
- EO5** To foster a positive critical attitude and personal awareness and a readiness to seek new solutions to creative problems.
- EO6** To provide a basic understanding of the cultural and economic consequences of art practice as it applies to society by finding effective ways to utilise this practice within the community in general.

## Learning Outcomes

- LO1** Acquire an aesthetic sensibility and understanding of the principles of visual communication.
- LO2** Generate ideas, concepts, proposals, solutions or arguments independently and/or collaboratively in response to set briefs and/or as self-initiated activity.
- LO3** Understanding of historical and theoretical underpinnings of visual communication.
- LO4** Develop the capacity to work independently or in teams, determining one's own future learning needs.
- LO5** Develop a command of basic techniques and software technology relevant to design, video and multimedia disciplines.



- LO6** Develop basic knowledge of theoretical concepts related to visual communication and how they have been applied in the past.
- LO7** Develop and implement solutions to problems encountered in all creative phases and the ability to evaluate and discuss them with fellow designers.
- LO8** Create visual communications through the application of design theories and principles to develop effective design solutions using industry standard tools and software.
- LO9** Acquire the skill of using industry standard technical equipment such as digital and video cameras, sound recording and lighting equipment.
- LO10** Effectively use a variety of industry standard creative software applications to manipulate photographs, text, animations or video footage.
- LO11** Understand works of art in their cultural and chronological contexts.
- LO12** Articulate ideas and information comprehensibly in visual, oral and written forms.
- LO13** Select, test and make appropriate use of materials, processes and environments.
- LO14** Demonstrate proficiency in observation, investigation, enquiry, visualization and/or making.
- LO15** Demonstrate self-management skills in managing their workloads and meeting deadlines.
- LO16** Demonstrate understanding of different stages in the digital video production process.
- LO17** Acquire the basic understanding of professional strategies and how to run your own business.

## Program requirements

The Bachelor of Visual Arts and Visual Communication Design requires completion of 240 ECTS, out of which 120 ECTS are electives. The 240 ECTS must include 120 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 18
Required				
Code	Title	Semester	ECTS	
VA101	Visual Language I	Semester One	6	
VA102	Introduction to Visual Communications	Semester One	6	
VA103	Language of Drawing I	Semester One	6	
VA104	Language of Drawing II	Semester Two	6	
VA202	Visual Language II	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
VA121	History of Art I	Semester Three	6	
VA211	Digital Vector Graphics	Semester Three	6	
VA305	Illustration and Communication	Semester Four	6	
VA306	Digital Photo Imaging	Semester Four	6	
VA312	Photography	Semester Three	6	
Year 3				Total 60 ECTS. ECTS for Electives: 30
Required				
Code	Title	Semester	ECTS	
VA216	Graphic Design I *	Semester Five	6	
VA303	Typography I *	Semester Five	6	
VA322	History of Art II *	Semester Six	6	
VA307	Non Linear Editing I *	Semester Five	6	
VA330	Web Design I *	Semester Five	6	
Year 4				Total 60 ECTS. ECTS for Electives: 42
Required				
Code	Title	Semester	ECTS	
VA370	Work Placement/Internship *	Semester Seven	6	
VA415	Design Studio I *	Semester Seven	6	
VA490	Graduation Project	Semester Eight	6	

The elective courses for Visual Art and Visual Communication Design study Program fall into the following four groups of courses:

-  University electives
-  Program electives

Program electives for VACD students		
Code	Title	ECTS
VA206	New Media I	6
VA207	Images with Messages I	6
VA217	Graphic Design II	6
VA219	History of Cinema I	6
VA220	Painting I	6
VA301	Project Studio I	6
VA302	Project Studio II	6
VA304	Typography II	6
VA308	Compositing and Digital Effects I	6
VA310	Advanced Drawing I	6
VA311	Advanced Drawing II	6
VA313	Images with Messages II	6
VA314	Non-Linear Editing II	6
VA315	Compositing and Digital Effects II	6
VA316	Advertising	6
VA318	New Media II	6
VA319	Sound Design	6
VA332	Photography for Digital Design	6
VA333	Web Design II	6
VA334	Packaging Design II	6
VA338	History of Cinema II	6
VA340	Film Grammar	6
VA341	Digital Desktop Publishing I	6
VA342	Introduction to Documentary Film	6
VA343	Painting II	6
VA346	Digital Desktop Publishing II	6
VA403	3D Design I	6
VA416	Design Studio II	6
VA438	Introduction to Visual Storytelling	6
VA439	Photography for Graphic Designers	6
VA440	Visual Storytelling II	6
VA442	Digital Photography	6
VA443	Information Graphic Design	6
VA444	Digital TV Production	6
VA449	Television Broadcast Design	6
VA451	Documentary Film Production	6
VA452	Show Real Production	6
VA455	3D Design II	6

## University Electives

In addition to Foreign Language VACD students choose **2 University elective courses in Year 1** from the following list:

### University Electives for VACD Students

#### Pool of 3 ECTS University Courses for 2017-2018

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
SPS140	Understanding Religion	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
xxx	Foreign Language Elective I	3
xxx	Foreign Language Elective II	3

#### Pool of 6 ECTS University Course for 2017-2018

Code	Title	ECTS
CS103	Introduction to Programming	6
ECON111	Introduction to Microeconomics	6
ECON112	Introduction to Macroeconomics	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
MAN102	Management	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
POLS102	Introduction to Political Science	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

#### The List of Recommended Free Electives for VACD students

Code	Title	ECTS
CS103	Introduction to Programming	6
CS310	Human Computer Interaction	6
CS404	Artificial Intelligence	6
ECON310	Game Theory	6
ECON330	Industrial Organization	6
MAN205	Marketing	6
ELIT208	Classical Mythology	6
LITE304	Children's Literature	6
MAN302	Human Resource Management	6
MAN345	Organizational Leadership	6
MAN352	Consumer Behavior	6
POLS223	Nations, Ethnicities and Ideologies	6
SOC314	Sociology of Everyday Life	6



## **Faculty of Business and Administration (FBA)**

**Bachelor of Arts (B.A.) in Economics**

**Info Catalogue**

**Academic Year 2017-2018**



## About the **Economics** Study Program

Economists should be prepared to answer questions such as how to maximise a firm's profits by using available resources and opportunities, what factors must be taken into account in deciding, how to use the crisis or failure to compensate. An economist must know how to lead a society, the role of the state, if and when government should intervene in the market and how it affects the welfare of the people. Students of the Faculty of Business and Administration, Department of Economics, will be exposed to different concepts and ideas and will acquire knowledge and skills both theoretically and in practice through the fields of micro and macroeconomics, financial management, Business Law and European Union studies.

Besides excellent job prospects, education in economics offers broad intellectual training and knowledge of how the economy works and helps students develop numerical, analytical and descriptive skills for constructive use of such knowledge. Moreover, a degree in economics provides graduates with a range of transferrable skills to be used in their future employment. It equips students with appropriate tools of analysis of contemporary economic issues and problems of economic policies.

## Employment and Further Study Opportunities

Economics study Program prepares students for careers in banking, insurance, real estate, manufacturing and service sector, consulting, government and non - governmental organizations.

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise. Bachelor degree in economics provides an excellent basis for students who intend to continue their studies. In particular, it is a very good preparation for MBA programs, law, programs in public policy and administration, master's and PhD programs in economics, and graduate programs in other business or social science disciplines.

Our alumni work for organizations such as:

- Dubai Islamic Bank, UAE
- Bosna Bank International (BBI), Bosnia and Herzegovina
- Insurance Supervision Agency of Montenegro, Montenegro
- ALMA-RAS d.o.o., Bosnia and Herzegovina
- Alfa Energy Group- Energy Trading Company d.o.o., BiH



IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



4 years, 8 semesters



Full-time, in person



Bachelor of Arts (B.A.) in  
Economics

**LANGUAGE OF INSTRUCTION:**  
English

**Have questions?**

Ask Head of Department of  
Economics and Management

**Assist. Prof. Dr. Recai Aydin**



[raydin@ius.edu.ba](mailto:raydin@ius.edu.ba)  
++387 33 957 423

## Study Program Educational Objectives

- EO1 To be able to use analytical tools of economics necessary to solve problems
- EO2 To acquire knowledge of relevant mathematical and statistical techniques
- EO3 To propose solutions to problems and assess under what conditions there may be viable solutions for them
- EO4 To train professionals able to independently perform technical tasks
- EO5 To be able to apply economic analysis in order to evaluate specific policy proposals within business enterprises, financial institutions, or public administration.

## Learning Outcomes


Corresponding educational objectives

- |      |   |             |
|------|---|-------------|
| LO1  | Assess the importance of supply and demand in the market-oriented economy and analyse the necessary conditions for a functioning market economy.              | EO1         |
| LO2  | Discuss and explain the benefits of the market system and the role of price in the market   | EO5         |
| LO3  | Demonstrate knowledge of the economic role of government fiscal and monetary policies of central banks, banking reserves and partial structure of the market. | EO1         |
| LO4  | Be equipped with sufficient knowledge to make analytical study and estimate the probability that will enhance economic growth and effectiveness.              | EO2         |
| LO5  | Demonstrate their ability to apply economic theory in a range of business problems and effectively explain their analysis.                                    | EO1         |
| LO6  | Define and analyse economic problems using algebraic and statistical methods.   | EO2         |
| LO7  | Predict the effects of changes in macroeconomic variables by applying quantitative methods such as statistics or econometrics (Stata, SPSS).                  | EO2         |
| LO8  | Interpret and describe the characteristics and economics of different models by means of analytical methods and techniques.                                   | EO1,<br>EO2 |
| LO9  | Identify factors to find solutions to problems that are relevant to environmental, social and political differences.  | EO3         |
| LO10 | Identify factors to find solutions to problems that are relevant to environmental, social and political differences. (repeated)                               | EO3         |
| LO11 | Effectively communicate in the English language.  | EO1         |
| LO12 | Assess the importance relevant sources of literature and information.   | EO4         |
| LO13 | Recognize the need for a lifelong commitment to learning.   | EO4         |




## Program requirements

This study Program leads to the Bachelor of Art (B.A.) degree in Economics. It requires completion of 240 ECTS. The 240 ECTS must include 174 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
ECON111	Introduction to Microeconomics	Semester One	6	
ECON112	Introduction to Macroeconomics	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical reading and Writing	Semester Two	6	
MATH100	Mathematical Skills	Semester One	6	
MATH101	Calculus I*	Semester Two	6	
MAN102	Introduction to Management	Semester One	6	
IBF205	Principles of International Business	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
ECON201	Intermediate Microeconomics*	Semester Three	6	
ECON202	Intermediate Macroeconomics*	Semester Four	6	
ECON204	International Political Economy	Semester Four	6	
ECON211	Business Statistics I*	Semester Three	6	
ECON221	Business Statistics II*	Semester Four	6	
MATH201	Linear Algebra*	Semester Three	6	
MAN201	Introduction to Management Science*	Semester Three	6	
MAN231	Financial Accounting*	Semester Three	6	
MAN352	Consumer Behaviour*	Semester Four	6	
IBF208	Business Finance*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
ECON200	History of Economic Thought*	Semester Six	6	
ECON301	Econometrics I*	Semester Five	6	
ECON302	Econometrics II*	Semester Six	6	
ECON320	Public Economics*	Semester Six	6	
ECON350	Financial Institutions and Markets*	Semester Five	6	
ECON404	International Monetary System*	Semester Six	6	
ECON455	Labor Economics*	Semester Five	6	
MAN325	Money and Banking*	Semester Five	6	
IBF401	International Finance*	Semester Six	6	
IBF402	International Trade*	Semester Five	6	
Year 4				Total 60 ECTS. ECTS for Electives: 54
Required				
Code	Title	Semester	ECTS	
ECON470	Work Placement/Internship*	Semester Seven	6	
ECON490	Graduation Project of Program Elective V	Semester Eight	6	

 \* Passing a prerequisite is required to enrol to this course.

Elective courses for Economics study Program fall into the following three groups of courses:

-  University electives
-  Program electives
-  Free electives.

### University Electives

In addition to foreign language, students of Economics take 2 University elective courses in Year 1 from the following list:

University electives		ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding science and Technology	3
SPS140	Understanding Religion	3
xxx	Foreign Language	3
xxx	Foreign Language	3

In the Year 4 students choose 1 University elective, 5 Program electives and 3 Free electives.

**1 University elective** is to be taken from the following list:

University electives		ECTS
CS103	Introduction to Programming	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

**6 Program Electives** are to be taken from the following list:

Program electives		ECTS
ECON305	Economic History *	6
ECON330	Industrial Organization *	6
ECON355	Time Series Analysis *	6
ECON367	Environmental Economics *	6
ECON401	Research Methods *	6
ECON430	Growth and Development *	6
ECON454	Islamic Economics *	6
ECON462	Comparative Economic Systems *	6
ECON490	Graduation Project *	6
IR213	International Issues in the Balkans *	6
IR214	International Law *	6
IR215	EU System *	6
IR303	Contemporary International Politics *	6
IR305	International Organizations *	6
IR467	Energy Security *	6
IR471	Economic Diplomacy *	6
MAN231	Financial Accounting *	6
MAN321	Managerial Accounting *	6

*Note: Other courses with the codes 3xx, 4xx and 5xx can be taken as Program electives with the written consent of the Program Coordinator*

**Bachelor of Arts (B.A.) in International Business and Finance**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **International Business and Finance** Study Program

International business and finance is a highly innovative study program. It is based on creative merging of two scientific areas: international business and finance. This multidisciplinary program will provide students with a comprehensive understanding of the interrelationship between areas of international business, finance and global economy as they play out in a rapidly evolving international environment.

Our goal is to provide students with good theoretical and practical knowledge of international business and finance. Students will develop their ability to use approaches and methods of analysis of specific and complex issues in the area of international business and finance, as well as to be engaged in a wide range of trade-related activities.

### Employment and Further Study Opportunities

The bachelor study program is focused on international business environment, financial markets, multinational corporations, international trade, trade logistics and trade finance.

Due to a large compilation of interdisciplinary knowledge and practical skills acquired during the studies, our students will have the opportunity to gain employment ranging from trade oriented companies to institutions in financial sector. A possibility of employment exists in various businesses and financial sectors that need highly skilled professionals who will have the knowledge and ability to understand and solve complex global business processes, to understand global business issues, as well as to deal with financial risks and challenges faced by a company in the global market, actively participate in the planning and financing of international trade, as well as participate in development, creation and delivery of products and services in the global market.



#### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



#### DURATION

4 years, 8 semesters



#### HOW

Full-time, in person



#### ECTS

240



#### QUALIFICATION

Bachelor of Art (B.A.) in  
International Business and  
Administration

**LANGUAGE OF INSTRUCTION:**  
English

#### Have questions?

Ask Head of Department of  
Economics and Management

**Assist. Prof. Dr. Recai Aydin**



[raydin@ius.edu.ba](mailto:raydin@ius.edu.ba)

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## Program Requirements

### Learning Outcomes

After successful completion of the IBF study Program, the students will be able to:



- LO1 Analyse the necessary conditions for a functioning market economy in the global environment.
- LO2 Identify the role of supply and demand in international business and finance.
- LO3 Discuss the benefits of the market system in international environment and the role of price in international markets.
- LO4 Demonstrate knowledge of the role of international business and finance.
- LO5 Explain the importance of research and knowledge in international business and finance.
  
- LO6 Apply international business and finance theory in a range of international business and finance problems and effectively explain their analysis.
- LO7 Define and analyse financial problems using statistical methods.
- LO8 Apply quantitative methods such as statistics or econometrics, and computer software (Eviews, Stata, SPSS) to solve problems in the field of international business and finance.
- LO9 Explain the behavior of the economics systems, such as: financial markets, multinational corporations, international commerce, international trade logistics and trade finance.
- LO10 Identify factors to find solutions to problems that are relevant to environmental, social and political differences in international environment.
- LO11 Apply knowledge of decision-making in complex international system.
- LO12 Analyse international business environment, in terms of a competitive investment climate, which is largely determined by the policies and the regulations established by the government and international institutions.
- LO13 Analyse economic and development policies of countries and understand how both are affected by changing global environment.
- LO14 Use frameworks and methodologies to investigate the interactions between firms' strategies, economic policies and the changing international environment.
- LO15 Identify the essential tools for financing an entrepreneurial firm, and a range of sources of financing for growth.
- LO16 Analyse how global financial markets interact with multinational companies.
- LO17 Describe how firms are organized internally.
- LO18 Analyse foreign markets and countries function.
- LO19 Analyse various business problems in multinational organizations and propose valid actions that will lead to the success of the organizations.
- LO20 Effectively communicate in business English.
- LO21 Find and use relevant sources of literature and information.
- LO22 Collect practical knowledge during the internship



The Bachelor of International Business and Finance requires completion of 240 ECTS, out of which 60 ECTS are electives. The 240 ECTS must include 180 ECTS from the completion of the following required courses:

Year 1			Total 60 ECTS. ECTS for Electives: 12
Required			
Code	Title	Semester	ECTS
IBF205	Principles of International Business	Semester Two	6
MAN102	Introduction to Management	Semester One	6
ECON111	Introduction to Microeconomics	Semester One	6
ECON112	Introduction to Macroeconomics	Semester Two	6
MATH100	Computer Skills	Semester One	6
MATH101	Calculus I*	Semester Two	6
ELIT100	Academic English and Effective Communication	Semester One	6
ELIT200	Critical Reading and Writing	Semester Two	6
Year 2			Total 60 ECTS. ECTS for Electives: 0
Required			
Code	Title	Semester	ECTS
IBF208	Business Finance*	Semester Four	6
IBF303	International Business Law	Semester Four	6
MAN201	Introduction to Management Science*	Semester Three	6
MAN205	Marketing*	Semester Three	6
MAN231	Financial Accounting*	Semester Three	6
MAN352	Consumer Behavior*	Semester Three	6
ECON201	Intermediate Microeconomics*	Semester Three	6
ECON202	Intermediate Macroeconomics*	Semester Four	6
ECON211	Business Statistics I*	Semester Three	6
ECON221	Business Statistics II*	Semester Four	6
Year 3			Total 60 ECTS. ECTS for Electives: 0
Required			
Code	Title	Semester	ECTS
IBF310	Business Ethics	Semester Six	6
IBF311	Corporate Finance*	Semester Six	6
IBF314	Financial Instruments Analysis and Modeling*	Semester Six	6
IBF318	International Management*	Semester Five	6
IBF401	International Finance*	Semester Six	6
IBF402	International Trade*	Semester Five	6
IBF409	Investment and Portfolio Management*	Semester Six	6
MAN321	Managerial Accounting*	Semester Five	6
MAN325	Money and Banking*	Semester Five	6
MAN443	International Marketing*	Semester Six	6
Year 4			Total 60 ECTS. ECTS for Electives: 48
Required			
Code	Title	Semester	ECTS
IBF470	Work Placement/Internship*	Semester Seven	6
IBF490	Graduation Project or Program Elective VI	Semester Eight	6

Elective courses for IBF study Program fall into the following two groups of courses:

-  University electives
-  Program electives

#### IUS Pool of 3 ECTS University Courses

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
ECON105	Understanding Politics, Economy and Management	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3
TURK121	Spoken Turkish I*	3
BOS121	Spoken Bosnian I*	3
TURK122	Spoken Turkish II**	3
BOS122	Spoken Bosnian II*	3

*\*Scholarship students will take either TURK121/BOS121*

*\*\*Scholarship students will take either TURK122/BOS122*

#### IUS Pool of 6 ECTS University Courses

Code	Title	ECTS
CS103	Introduction to Programming	6
ECON102	Globalization and Business	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

**Program electives for IBF students**

<b>Code</b>	<b>Title</b>	<b>ECTS</b>
ECON200	History of Economic Thought	6
ECON204	International Political Economy	6
ECON261	Matrix Algebra	6
ECON301	Econometrics I	6
ECON302	Econometrics II	6
ECON305	Economic History	6
ECON320	Public Economics	6
ECON320	Public Economics	6
ECON330	Industrial Organization	6
ECON350	Financial Institutions and Markets	6
ECON355	Time Series Analysis	6
ECON367	Environmental Economics	6
ECON401	Research Methods	6
ECON430	Growth and Development	6
ECON454	Islamic Economics	6
ECON455	Labor Economics	6
ECON462	Comparative Economic Systems	6
IBF207	Behavioral Finance	6
IBF304	Risk and Insurance	6
IBF306	Public Finance	6
IBF312	Microfinance	6
IBF313	Understanding Emerging Markets	6
IBF315	Equality Instruments and Business Valuation	6
IBF403	Multinational Corporation and Process of Globalization	6
IBF405	International Banking	6
IBF410	Real Estate Markets	6
IBF412	Financial Risk Management	6
IBF418	Mergers and Acquisitions	6
IBF419	Financial Derivates and Simulations	6
IR213	International Issues in the Balkans	6
IR214	International Law	6
IR215	EU System	6
IR303	Contemporary International Politics	6
IR305	International Organizations	6
IR467	Energy Security	6
IR471	Economic Diplomacy	6
MAN218	Personal Finance	6
MAN302	Human Resource Management	6
MAN303	Entrepreneurship and Small Business Management	6
MAN304	Organizational Behaviour	6
MAN305	Organizational Theory	6
MAN328	Sales Management	6
MAN331	Contemporary Management	6
MAN332	Business Law	6
MAN345	Organizational Leadership	6
MAN371	The Principles of Travel and Tourism	6
MAN402	Strategic Management	6
MAN406	Innovation Management	6
MAN409	Operations Management	6

MAN434	Business Communication	6
MAN442	E-Business	6
MAN445	Customer Relationship Management	6
MAN446	Service Management	6
MAN453	Project Management	6
MAN454	Logistics and Supply Chain Management	6
MAN461	Management Information Systems	6
MAN464	Advertising Management	6

**Bachelor of Arts (B.A.) in Management**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **Management** Study Program

The Management study Program at IUS aims to equip students with the knowledge and skills to become effective managers. The Management curriculum is designed to provide students with excellent mandatory foundation in management, economics and finance. On the other hand, the Program offers a creative and interdisciplinary approach through a variety of elective courses that students can choose to complement their studies from other IUS departments such as Psychology, Political Science and Sociology and International Relations.

In addition to the theoretical foundations, the Program also provides practical management competences, including abilities to work in teams and use logic and different types of analysis to solve problems, as well as presentation and communication skills.

## Employment and Further Study Opportunities

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise.

They are capable to pursue further academic career at IUS or elsewhere towards obtaining a master degree in Management or a relevant field.

Our alumni work for organizations such as:

- Turkish Airlines, Croatia
- Coca-Cola, Bosnia and Herzegovina
- Atlas Bank AD, Montenegro
- Courtyard by Marriott Sarajevo, Bosnia and Herzegovina
- Reach d.o.o., Bosnia and Herzegovina



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A) in  
Management

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Head of Department of  
Economics and Management

**Assist. Prof. Dr. Recai Aydin**



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## Study Program Educational Objectives

- EO1** To build students' knowledge in key areas of business-like production, marketing, finance, accounting, human resources, research and development and public relations;
- EO2** To enable students to gain skills in managing production, leadership, marketing management, financial management, accounting, managing human resources, research and development, and managing public relations;
- EO3** To apply detailed and wide, relevant and internationally recognized teaching methods and researches;
- EO4** To deliver many challenging and innovative programs that will influence existing and future needs of business and society;
- EO5** To develop our students into self-confident, competing, and socially responsible individuals who will be able to acquire the best knowledge and skills essential for success in the business arena.

## Learning Outcomes

After successful completion of the study program, graduates will be able to:

## Knowledge

### KNOWLEDGE

- LO1 Recognize program strengths across a range of subjects including mapping current and future trends in accounting and finance, marketing and communication theory and practices, computing and information systems, management science, organizational behaviour, and economics
- LO2 Show understanding of business issues such as business ethics and social responsibility, business law, effect of macro and micro economic phenomena on management decision making, applied mathematics and statistics, international business issues, local and regional economic development
- LO3 Participate in a team environment, influence other team members, encourage participation by other team members, act as a team role model, and perform in a formal team leadership role beyond work responsibilities, in the community.

### TAKING RESPONSIBILITY

- LO4 Employ management skills to plan, organize, direct, and control the functions and processes of an organization;
- LO5 Assess information, solve problems, and make decision from a multidisciplinary perspective;
- LO6 Apply theories and concepts in management and related fields (accounting, economics, statistics, finance, marketing, human resource management, strategic planning and business law) to various management situations;
- LO7 Use effective written and oral communication consistent with management and professional environment to write a successful business, marketing and financial short-term, mid-term and long-term plan;
- LO8 Apply appropriate information technology to analyze and optimize problems, develop business research, report key data, and recommend management strategies and actions.
- LO9 Illustrate knowledge of management environment, organizational structure and interests at stake in a conscious way;
- LO10 Manage private firms, public institutions, different sectors such as marketing, research and development, human resources, planning and control;
- LO11 Demonstrate appropriate wielding of authority and knowledge of structural capacities of their organization to achieve management and commercial goals;
- LO12 Produce sound, adept and advanced management and commercial practices based on structural and ethical foundations

### ACTING AUTONOMOUSLY





- LO13 Appraise strengths and weaknesses, solve problems and make recommendations in management and commercial practices;
- LO14 Compare and contrast and make the most responsible choice among alternatives and exhibit problem solving, leading to a list of actions (confusing); and
- LO15 Demonstrate sufficient knowledge to make analytical study and appraisal, as well as general study skills of problem solving, decision making, and quantitative analysis, including self-managed and co-operative learning.

## Program requirements

The Bachelor of Management requires completion of 240 ECTS, out of which 60 ECTS are electives. The 240 ECTS must include 180 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
MAN102	Introduction to Management	Semester One	6	
ECON111	Introduction to Microeconomics	Semester One	6	
ECON112	Introduction to Macroeconomics	Semester Two	6	
IBF205	Principles of International Business	Semester Two	6	
MATH100	Mathematical Skills	Semester One	6	
MATH101	Calculus I*	Semester Two	6	
ELIT100	Academic English and Effective Communication	Semester One	6	
ELIT200	Critical Reading and Writing	Semester Two	6	
Year 2				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
MAN201	Introduction to Management Science*	Semester Three	6	
MAN205	Marketing*	Semester Three	6	
MAN231	Financial Accounting*	Semester Three	6	
MAN304	Organizational Behaviour*	Semester Four	6	
MAN352	Consumer Behaviour*	Semester Four	6	
ECON201	Intermediate Microeconomics*	Semester Three	6	
ECON202	Intermediate Macroeconomics*	Semester Four	6	
ECON211	Business Statistics I*	Semester Three	6	
ECON221	Business Statistics II*	Semester Four	6	
IBF208	Business Finance*	Semester Four	6	
Year 3				Total 60 ECTS. ECTS for Electives: 0
Required				
Code	Title	Semester	ECTS	
MAN302	Human Resource Management*	Semester Six	6	
MAN303	Entrepreneurship and Small Business Management*	Semester Six	6	
MAN305	Organization Theory*	Semester Five	6	
MAN321	Managerial Accounting*	Semester Five	6	
MAN325	Money and Banking*	Semester Five	6	
MAN332	Business Law*	Semester Five	6	
MAN345	Organizational Leadership*	Semester Five	6	
MAN402	Strategic Management*	Semester Six	6	
MAN461	Management Information Systems*	Semester Six	6	
IBF311	Corporate Finance*	Semester Six	6	
Year 4				Total 60 ECTS. ECTS for Electives: 48
Required				
Code	Title	Semester	ECTS	
MAN470	Work Placement/Internship*	Semester Seven	6	
MAN490	Graduation Project or Program Elective VI	Semester Eight	6	

Elective courses for Management study Program fall into the following two groups of courses:

-  University electives
-  Program Electives

In addition to Foreign Language MAN students choose **2 University elective courses in Year 1** from the following list:

#### University Electives

##### IUS Pool of 3 ECTS University courses for 2017-2018

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
SPS140	Understanding Religion	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
xxx	Foreign Language Elective I	3
xxx	Foreign Language Elective II	3

##### IUS Pool of 6 ECTS University courses for 2017-2018

Code	Title	ECTS
CS103	Introduction to Programming	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
IR101	Introduction to International Relations	6
NS102	Physics	6
NS103	Biology	6
POLS102	Introduction to Political Science	6
PSY103	Introduction to Psychology	6
SOC102	Introduction to Sociology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
NS104	General Chemistry	6
VA121	History of Art I	6

### Program electives for MAN students

Code	Title	ECTS
MAN218	Personal Finance	6
MAN328	Sales Management	6
MAN331	Contemporary Management	6
MAN371	The Principles of Travel and Tourism	6
MAN406	Innovation Management	6
MAN409	Operations Management	6
MAN434	Business Communication	6
MAN442	E-Business	6
MAN443	International Marketing	6
MAN445	Customer Relationship Management	6
MAN446	Service Management	6
MAN453	Project Management	6
MAN454	Logistics and Supply Chain Management	6
MAN464	Advertising Management	6
MAN490	Graduation Project	6
IR213	International Issues in the Balkans	6
IR214	International Law	6
IR215	EU System	6
IR303	Contemporary International Politics	6
IR305	International Organizations	6
IR467	Energy Security	6
IR471	Economic Diplomacy	6

**Bachelor of Arts (B.A.) in International Relations**

**Info Catalogue**

**Academic Year 2017-2018**

## About the **International Relations** Study Program

The International Relations Program at IUS is a well-respected interdisciplinary undergraduate program. Our students come from all around the world, and our courses are taught by enthusiastic and outstanding accessible faculty members, mostly from the United States. In addition, our students have many opportunities to spend a part of their studies abroad within Erasmus+ and Mevlana exchange programs.

The IUS International Relations, both undergraduate and master level, are accredited by the Austrian Agency for Quality Assurance and Accreditation, AQ Austria <https://www.aq.ac.at/en/accreditation/>. By granting its accreditation, AQ Austria certifies that the IUS study Program meets the criteria for international recognition by complying with the principles of the **Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG)**.

The accreditation is valid until 20 September, 2022.

## Employment and Further Study Opportunities

IUS alumni are well-rounded individuals with a thorough knowledge of their discipline. They are uniquely capable of taking a smart and relevant approach to applying their expertise.

Upon completion of the IR Program, many of our graduates have continued on to graduate studies in prestigious EU universities, such as University of Bologna, Bristol University, Central European University, Royal Holloway, Milano-Bicocca. They also got jobs in respectable international agencies, government, and international civil society organisations (CSOs). Also, a considerable number of our graduates found jobs in the private sector that values analytical thinking and the knowledge of foreign languages.

Our alumni work for organizations such as:

- Parliament of the Republic of Turkey, Turkey
- Istanbul Municipality, Turkey
- United Nations, Bosnia and Herzegovina
- AXA Investment Management, France
- Skandinaviska Enskilda Banken S.A., Luxembourg



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A.) in  
International Relations

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Head of Department of  
International Relations:

**Assist. Prof. Dr. Peter Plenta**



[pplenta@ius.edu.ba](mailto:pplenta@ius.edu.ba)

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## Educational Objectives

The objectives of the undergraduate study program are:

- EO1 To provide a strong background in International Relations discipline from various perspectives.
- EO2 To ensure students' understanding of the theories and approaches to international relations and their critical evaluation.
- EO3 To develop skills necessary to analyse the key dimensions, events and processes of international relations within their historic context.
- EO4 To demonstrate knowledge of the multi-disciplinary nature of international relations by establishing connections with the disciplines such as history, sociology, economics, psychology, law, anthropology, etc.
- EO5 To equip students with necessary skills and capabilities to analyse and to contribute towards solving problems of humanity at large.
- EO6 To provide knowledge and skills necessary to access job market in different areas and to continue to study at graduate level.

## Learning Outcomes

On successful completion of the first study cycle graduates will be able to:

### *Knowledge*

- LO1 Demonstrate substantial knowledge and understanding of historical development of international relations.
- LO2 Recount in detail various international relations theories.
- LO3 Describe the dynamic nature of international relations and importance of having a systematic framework in order to evaluate issues in world politics.
- LO4 Demonstrate adequate knowledge to proceed with the studies at the graduate level.

### *Skills*

- LO5 Identify the comprehensive paradigm of the multi-disciplinary nature of international relations.
- LO6 Interpret the external and internal dynamics of foreign policy decision-making processes.
- LO7 Develop skills for team work, group projects and presentations.

### *Professional/Individual Competencies*

- LO8 Develop necessary skills and self-confidence to work and manage things independently
- LO9 Obtain skills to work and perform in multicultural, multiethnic, multiracial and multi-religious settings
- LO10 Develop research methodology skills.
- LO11 Communicate effectively and fluently on subjects and issues pertaining to international relations
- LO12 Recount classical and contemporary philosophical foundations of major concepts of international relations
- LO13 Identify and examine issues in world politics





## Program Requirements

The Bachelor of International Relations requires completion of 240 ECTS, out of which 78 ECTS are electives. The 240 ECTS must include 162 ECTS from the completion of the following required courses:

Year 1			Total 60 ECTS. ECTS for Electives: 24
Required			
Code	Title	Semester	ECTS
IR101	Introduction to International Relations	Semester One	6
POLS102	Introduction to Political Science	Semester Two	6
SOC102	Introduction to Sociology	Semester Two	6
ECON111	Introduction to Microeconomics	Semester One	6
ECON112	Introduction to Macroeconomics	Semester Two	6
MATH100	Mathematical Skills	Semester One	6
Year 2			Total 60 ECTS. ECTS for Electives: 0
Required			
Code	Title	Semester	ECTS
IR211	International Relations Theories*	Semester Three	6
IR212	Politics in Europe*	Semester Three	6
IR213	International Issues in the Balkans*	Semester Four	6
IR214	International Law*	Semester Four	6
IR215	EU System*	Semester Four	6
IR216	Foreign Policy Analysis*	Semester Four	6
POLS204	Comparative Political Analysis*	Semester Three	6
POLS306	Religion and Politics*	Semester Three	6
ELIT100	Academic English and Effective Communication	Semester Three	6
ELIT200	Critical Reading and Writing	Semester Four	6
Year 3			Total 60 ECTS. ECTS for Electives: 12
Required			
Code	Title	Semester	ECTS
IR301	Political Geography and Geopolitics*	Semester Five	6
IR304	Security Studies*	Semester Six	6
IR305	International Organizations*	Semester Six	6
IR307	Contemporary International Politics*	Semester Five	6
IR312	Diplomacy*	Semester Five	6
SPS311	Quantitative Research Methods*	Semester Five	6
SPS312	Qualitative Research Methods*	Semester Six	6
ECON204	International Political Economy*	Semester Six	6
Year 4			Total 60 ECTS. ECTS for Electives: 42
Required			
Code	Title	Semester	ECTS
IR470	Work Placement/Internship	Semester Seven	6
IR491	Graduation Project of 2 program electives	Semester Eight	6

The elective courses for International Relations study Program fall into the following two groups of courses:

-  University electives
-  Program electives

### University Electives

In addition to Foreign Language, IR students choose **2 University elective courses in Year 1** from the following list:

#### Pool of 6 ECTS University Courses

Code	Title	ECTS
CS103	Introduction to Programming	6
ELIT101	Introduction to Literature	6
ENS105	The Brain	6
MAN102	Introduction to Management	6
NS102	Physics	6
NS103	Biology	6
NS104	General Chemistry	6
PSY103	Introduction to Psychology	6
SPS103	Law and Ethics	6
SPS120	Critical Thinking	6
SPS150	World History	6
VA121	History of Art I	6

#### Pool of 3 ECTS University Courses for 2017-2018

Code	Title	ECTS
ARCH107	Understanding Art and Architecture	3
CS100	Computer Skills	3
CULT101	Understanding Cultural Encounters	3
NS111	Understanding Nature and Knowledge	3
NS112	Understanding Science and Technology	3
SPS140	Understanding Religion	3
TURK121	Spoken Turkish I *	3
BOS121	Spoken Bosnian I *	3
TURK122	Spoken Turkish II **	3
BOS122	Spoken Bosnian II **	3

\*Scholarship students will take either TURK121/BOS121

\*\*Scholarship students will take either TURK122/BOS122

**Program electives for IR students**

Code	Title	ECTS
IR331	Diplomatic History	6
IR332	European Union Foreign and Security Policy	6
IR333	Turkish Foreign Policy	6
IR334	US Foreign Policy	6
IR335	Middle – East and North Africa in World Politics	6
IR336	Africa in World Politics	6
IR337	Russian and Post – Soviet Politics	6
IR339	Latin America in World Politics	6
IR341	Special Topics in Asian Politics	6
IR461	Conflict Analysis	6
IR462	Ethnicity and Ethnic Conflicts	6
IR463	Migration, Refugees and Diasporas	6
IR464	Studies in Genocide	6
IR465	Political Violence and Terrorism	6
IR466	Civil – Military Relations	6
IR467	Energy Security	6
IR471	Economic Diplomacy	6
IR472	Human Rights	6
IR474	Gender in International Relations	6
IR475	Ethics in International Politics	6
IR476	Global Environmental Issues	6
IR477	Conspiracy Theories in International Relations	6
IR478	Islam in World Politics	6
IR491	Graduation Project (+)	6
ECON200	History of Economic Thought	6
ECON404	International Monetary System	6
ECON454	Islamic Economics	6
ECON462	Comparative Economic Systems	6
HIST202	History of Balkans	6
HIST309	Social and Economic History of Europe	6
HIST313	History of Middle East	6
HIST361	History of United States	6
LAW113	Theory of State and Law	6
LAW112	History of European Union	6
POLS101	Introduction to Philosophy	6
POLS211	Politics and the Media	6
POLS212	Political Participation	6
POLS223	Nations, Ethnicities and Ideologies	6
POLS301	Political Philosophy	6
POLS302	Contemporary Political Thought	6
POLS304	Politics in BiH	6
POLS407	Politics and Governance in the Balkans	6
POLS412	Issues in Turkish Politics	6
SOC102	Social Theory	6
SOC351	Political Sociology	6
SOC404	New Social Movements	6



**Faculty of Law (FLW)**

## About the Law Study Program

Faculty of Law of International University of Sarajevo has been established in 2015 with the mission of providing legal education of the highest quality to students of First, Second and Third cycles of studies, according to the highest educational standards and rules of education adopted within the Bologna educational process. In the international setting such as the one found at our Faculty of Law, we have students from three different continents whose studies are focused on international laws.

Only those quality standards are the correct foundations of students' legal excellence in the future.

Social relations have evolved and gotten more complex over time, which left us with the challenge of adjusting to those changes. Life always precedes law, which causes its development. In that regard, we are witnesses of an increased interest in international laws and European Union law. At our Faculty, we have a team of distinguished scientists who have committed their professional lives to passing on their knowledge to generations of students and help them better understand social processes which affect the lives of us all. Related to this, our vision is to be one of the leading Law faculties in Bosnia and Herzegovina and the region of Balkans.

The Law study Program at IUS has the following learning objectives:

1. To train individuals who are experts on legislation at both national and international levels, who are able to resolve problems, combine the practical skills with academic vision and are fit to work in both public and private sectors in their respective countries and internationally.
2. To train lawyers who cherish the culture of law, have a strong sense of justice and ethical values, consider human rights a value and those who embrace their social responsibility.
3. To maintain a legal education that is student-oriented and does not neglect the practical aspect. Emphasis is put on case studies and moot-courts both in student clubs and in cooperation with judicial bodies.
4. To train jurists who are open to innovation, actively follow advancements in social relations and who are able to harmonize national legislation with international law.



### WHERE

IUS Sarajevo Campus  
15 Hrasnička cesta, Ilidža  
Sarajevo



### DURATION

4 years, 8 semesters



### HOW

Full-time, in person



### ECTS

240



### QUALIFICATION

Bachelor of Art (B.A.) in Law

**LANGUAGE OF INSTRUCTION:**  
English

### Have questions?

Ask Dean of Faculty of Law:  
**Prof. Dr. Ibrahim Dursun**



[idursun@ius.edu.ba](mailto:idursun@ius.edu.ba)  
++387 33 957 480

The Faculty of Law has the following learning outcomes:

To train lawyers who cherish the culture of law, have a strong sense of justice and ethical values, consider human rights a value and those who embrace their social responsibility.

To maintain a legal education that is student-oriented and does not neglect the practical aspect. Emphasis is put on case studies and moot-courts both in student clubs and in cooperation with judicial bodies.

To train jurists who are open to innovation, actively follow advancements in social relations and who are able to harmonize national legislation with international law.

To train lawyers who are capable of actively using at least one foreign language and information technologies in communication with their colleagues in every part of the world.

To train individuals who are experts in legislation at both national and international level, who are able to resolve problems, combine the practical skills with academic vision and are fit to work both in public and private sector in their respective countries or internationally.

## ACQUIRED QUALIFICATIONS UPON GRADUATION

- Being well-informed of the recent legislation in all legal fields, judgments of the judicial organs and related legal scholars' work.
- Evaluation of recent developments in law both in theoretical and practical context.
- Knowing concepts and institutes of various legal disciplines and understanding the relationships between them.
- Examination, comments and evaluation of legislation, judicial decisions and scientific resources by utilizing legal methodology with a critical approach in the light of gained knowledge and skills.
- Taking responsibility both as an individual and as a team member in creating solutions to legal problems when it comes to application of law, with reference to legislative texts, judicial decisions and scientific resources.
- Gaining the necessary skills to express one's ideas and solutions on a specific topic in law by exchanging information with other people and institutions.
- Being open to a lifelong education by improving one's self-criticism talent.
- Follow-up on legal developments on the universal basis and communication with other colleagues by using the English language professionally.
- Possession of a sense of justice and moral values necessary to be a complete lawyer.
- Work towards accomplishing a legal order based on human rights and the rule of law.

## Program Requirements



The Bachelor of Law requires completion of 240 ECTS, out of which 52 ECTS are electives. The 240 ECTS must include 188 ECTS from the completion of the following required courses:

Year 1				Total 60 ECTS. ECTS for Electives: 12
Required				
Code	Title	Semester	ECTS	
LAW101	Introduction to Law I	Semester One	4	
LAW102	Introduction to Law II	Semester Two	4	
LAW103	Civil Law I	Semester One	5	
LAW104	Civil Law II	Semester Two	5	
LAW105	Legal Systems	Semester One	4	
LAW106	Roman Law	Semester Two	4	
LAW107	Constitutional Law I	Semester One	5	
LAW108	Constitutional Law II	Semester Two	5	
ECON111	Introduction to Microeconomics	Semester Two	6	
SPS150	World History	Semester One	6	
Year 2				Total 60 ECTS. ECTS for Electives: 10
Required				
Code	Title	Semester	ECTS	
LAW201	Administrative Law I	Semester Three	5	
LAW202	Administrative Law II	Semester Four	5	
LAW203	Contracts Law I (general provisions)	Semester Three	5	
LAW204	Contracts Law II (special provisions)	Semester Four	5	
LAW205	Criminal Law I	Semester Three	6	
LAW206	Criminal Law II	Semester Four	6	
LAW207	International Public Law	Semester Three	4	
LAW208	Legal Drafting and Writing	Semester Four	4	
LAW209	General Theory of State	Semester Three	5	
LAW210	Business Law	Semester Four	5	
Year 3				Total 60 ECTS. ECTS for Electives: 15
Required				
Code	Title	Semester	ECTS	
LAW301	Property Law I	Semester Five	5	
LAW302	Property Law II*	Semester Six	5	
LAW303	EU Public Law	Semester Five	5	
LAW304	Intellectual Property Law	Semester Six	5	
LAW305	Philosophy of Law	Semester Five	6	
LAW306	Insurance and Social Security Law	Semester Six	5	
LAW307	Tax Law	Semester Five	4	
LAW309	Labor Law	Semester Five	5	
ECON320	Public Economics	Semester Six	5	
Year 4				Total 60 ECTS. ECTS for Electives: 15
Required				
Code	Title	Semester	ECTS	
LAW401	Commercial Law I	Semester Seven	5	
LAW402	Commercial Law II (Exchange Papers)	Semester Eight	4	
LAW403	International Private Law	Semester Seven	6	
LAW404	Inheritance Law	Semester Eight	6	
LAW405	Criminal Procedure Law I	Semester Seven	4	
LAW406	Execution and Bankruptcy Law	Semester Eight	6	
LAW407	Civil Procedure Law	Semester Seven	6	
LAW408	Criminal Procedure Law II*	Semester Eight	4	
LAW409	EU Private Law	Semester Seven	4	

\* Passing a pre-requisite or completing certain number of ECTS is required to enrol to this course.



Elective courses for Faculty of Law study Program fall into the following groups of courses:

-  Program electives
-  Free Electives

Program electives for FLW students		
Code	Title	ECTS
LAW230	Legal History of Balkans	5
LAW231	Administrative Procedure Law	5
LAW232	Law and Literature	5
LAW233	Constitutional Judiciary	5
LAW234	Sociology of Law	5
LAW235	Environmental Law	5
LAW236	Election Law	5
LAW237	Human rights	5
LAW239	Legal Cultures	5
LAW330	Juvenile Law (The Rights of the Child in International Law)	5
LAW331	Administrative Law of European Union	5
LAW332	Diplomatic and Consular Law	5
LAW333	Torts Law	5
LAW334	Forensic Medicine	5
LAW335	Conflicts and Conflict Resolution	5
LAW337	International Criminal Law	5
LAW339	Collective Labor Law	5
LAW430	Inspection Law	5
LAW431	International Commercial Law	5
LAW432	Transitional Justice	5
LAW433	Consumer Protection Law	5
LAW434	International Trade Law	5
LAW435	Criminology	5
LAW436	Law of Internal Market of EU	5
LAW437	Arbitrary Law	5
LAW438	Notary Law	5
LAW439	Globalization and Global Governance	5
LAW440	Information Technologies Law	5
LAW441	Legal Ethics	5
IR211	International Relations Theories	5
IR305	International Organizations	5
SOC201	Social Theory	5



## Catalogue Glossary

These are not formal definitions but are meant to provide guidance for students to help them understand the study Program catalogue.

<b>Qualification</b>	This refers to the final outcome of the study Program in which you are enrolled.
<b>Learning outcomes</b>	
<b>Courses</b>	<p>This refers to the individual units of study which comprise the study Program curricula. Each course has its own educational objectives, learning outcomes, syllabus, and assessment.</p> <p>At IUS, each course is completed within one semester.</p>
<b>ECTS</b>	Each course has a credit value expressed in European Credit Transfer and Accumulation System (ECTS). 1 ECTS equals to 25 hours of student workload (excluding medical sciences). This may include lectures, tutorials, lab, self-study and assessments.
<b>Required courses</b>	Required courses contain the crucial parts of your study Program. These are the courses which must be taken for you to be able to progress with your Program and be eligible to receive qualification.
<b>Prerequisites</b>	<p>Prerequisites are courses that must be taken and passed before you can register a particular course at the next level.</p> <p>Please note that prerequisites are clearly labelled in the study Program curricula.</p>
<b>Elective courses</b>	<p>Elective courses are courses which students pick from a list of possibilities offered within their study Program curricula. At IUS there are four groups of elective courses:</p> <ul style="list-style-type: none"><li>• University electives</li><li>• Faculty Electives</li><li>• Program Electives and</li><li>• Free electives</li></ul> <p>These courses allow students to gain specific knowledge, competences and skills, such as foreign language, or to study something either complementary to their study Program or a completely different topic that interests them. However, students are still responsible for any requirements that apply to the course.</p>
<b>Academic advisors</b>	Academic advisor will help students choose which elective courses are most appropriate for his/her interests.
<b>Study Rules</b>	These rules explain how the University will determine whether you have met the eligibility requirements to progress from one year to another as well as eligibility for qualification award.
<b>Internship/work placement</b>	The terms "work placement" and "internship" have the same meaning - a period of pre-career full-time work experience at a company a student has to work for during an undergraduate study. It is worth 6 ECTS.
<b>AQ Austria international accreditation</b>	Several IUS study bachelor and master programs are accredited by the Austrian Agency for Quality Assurance and Accreditation, AQ Austria <a href="https://www.aq.ac.at/en/accreditation/">https://www.aq.ac.at/en/accreditation/</a> . By granting its accreditation, AQ Austria certifies that the IUS study Program meets the criteria for international recognition by complying with the principles of the <b>Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG)</b> . The accreditation is valid until 20 September 2022.

