

Univerzitet u Sarajevu



University of Sarajevo



Study program

LAW AND DIGITAL TECHNOLOGIES

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Center for Interdisciplinary Studies

Study Programme: Law and Digital Technologies

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1. GENERAL INFORMATION

1.1. The Name of the Programme

Law and Digital Technologies

1.2. The Type of the Programme

Academic Programme

1.3. The Level of the Programme

Master's Degree - II Cycle Programme

1.4. The Aim of the Programme

The goal of the program is the education of graduates and professionals from the target group with at least the first cycle of studies (240 ECTS) the social, technical, biotechnical and biomedical fields completed.

1.5. The Proponent of the Programme

The proponent of the programme is University of Sarajevo, which entrusts the organization to the Center for Interdisciplinary Studies, and the implementation of the studies to teachers and associates from the Faculty of Law, Economics and Electrical Engineering of the University of Sarajevo, experts from practice and other partner institutions and organizations from BiH and abroad.

1.6. Scientific/artistic Areas the Study Programme Belongs to

The study programme "Law and Digital Technologies" is an interdisciplinary study programme that incorporates the scientific areas of legal, economic and technical sciences and therefore, the professors responsible for the courses come from the faculties of the University of Sarajevo which correspond with these areas.

Along with the responsible professors, there are other instructors involved in the teaching process and they come from the University of Sarajevo or appear as guest lecturers from universities in the region and broader, as well as experts from practice in workshops that are an integral part of the Study Program of the II cycle "Law and Digital Technologies".

1.7. Organization and Duration of the Programme

The "+1" study program lasts one year (two semesters x 30 ECTS, total of 60 ECTS).

The program consists of 6 mandatory courses, 3 elective courses, 3 mandatory interdisciplinary workshops, and the preparation and defense of a Master's thesis (Final Thesis). Classes are held in English and Bosnian/Serbian/Croatian. Students do a final paper of their choice, in Bosnian/Serbian/Croatian or English.

1.8. Minimum number of ECTS Credits Required to Complete the Programme

In accordance with the European Credit Transfer and Accumulation System, the program is valued with 60 ECTS credits per year or 30 ECTS credits per semester. The number of credits for each individual course is determined in accordance with the assigned workload (theoretical and/or practical classes,

seminars etc.), the time students spend doing individual assignments (homework, projects, seminar papers etc.) and the time required for exam preparation (tests, final exam).

The final thesis is valued with 13 ECTS credits.

1.9. Language of Instruction

Classes are held in Bosnian/Croatian/Serbian and/or English.

1.10. Selection Process for the Enrollment

Student status is acquired by enrolling in a study program implemented by the Center for Interdisciplinary Studies of the University of Sarajevo. Enrollment is done on the basis of a public call published by the University, which is decided by the Senate of the University.

Enrollment in the first study year is carried out in accordance with the Law, the Statute, these rules and based on the final results of the public competition.

The University of Sarajevo publishes the call for the enrollment of students in the first year of study in at least three daily newspapers in the territory of Bosnia and Herzegovina. The call for the enrollment of students in the first year of study is published on the website and notice board of the University of Sarajevo and the Center for Interdisciplinary Studies with the prior approval of the Ministry.

The right to enroll in an interdisciplinary master's study (II cycle) is available to candidates:

- citizens of Bosnia and Herzegovina and foreign citizens who have completed the corresponding first cycle of studies in Bosnia and Herzegovina, which is evaluated with at least 240 ECTS study points, which in total with the evaluation of the second cycle amounts to at least 300 ECTS,
- who completed their studies according to pre-Bologna curricula in Bosnia and Herzegovina,
- who have completed an integrated study lasting five and/or six years, as well as
- candidates who completed the first cycle, i.e. pre-Bologna studies, outside of Bosnia and Herzegovina, and for whom, after the recognition or equivalence procedure, it was determined that they have completed adequate education to continue their education.

The unique ranking list of all registered candidates will be based on the completed study of the II cycle, four-year study according to the pre-Bologna study system, integrated study, and the average grade achieved by the candidates during their studies.

1.11. Qualifications upon Completion of the Programme

After passing all the exams listed in the Curricula and defending the Final Thesis; after acquiring the full, required number of ECTS credits, and after finishing the studies, the student gets the academic title of Master of Law and Digital Technologies.

1.12. The Analysis of Employment Possibilities After Graduation

The awarded diploma ensures that the holders can perform professional work in the field of the title assigned to them. The target group for this study are employed professionals who deal with the fields of law, economics and digital technologies in their daily work and their mutual influence and connection, which is growing in modern business conditions.

1.13. The Programme's Vertical Mobility

According to Article 1, paragraph (3) of the Study Rules for the I, II cycle of studies, integrated, professional and specialist studies at the University of Sarajevo, the second cycle leads to the degree of Master or equivalent after the completion of the first cycle of studies; it lasts one or two study years, and is evaluated with 60 or 120 ECTS points so that in total with the first study cycle, it carries 300 ECTS points, which ensures vertical mobility for enrollment in the third study cycle.

1.14. Grading Scale

Each individual course syllabus contains the grading scale, in accordance with the goals and outcomes of the course.

1.15. Quality Assurance

The quality and success of the studies will be monitored by internal and external observation and evaluation by the official committee and students, as explained at the end of this document.

2. PROGRAMME DESCRIPTION

2.1. Learning Outcomes at the Study Programme Level

Learning outcomes at the level of the study program are defined in accordance with the demands of the labor market, the needs for continuous education, the rapid development of new technologies, and the challenges brought by the social and economic community. Learning outcomes are aligned with general societal needs and the qualification framework standards expressed through the following knowledge, skills, and competencies (professional values and personal responsibility):

Knowledge:

- Understanding regulatory frameworks governing digital technologies, including international and national laws, regulations, and policies;
- Familiarity with legal, economic, and ethical issues arising from the use of digital technologies, including privacy, security, intellectual property, and human rights;
- Understanding and critically analyzing ethical and legally permissible behavior on the internet/online space;
- Understanding the application of traditional concepts in a new digital environment, such as human rights, ethics, business, property, contract, signature, government, management, risk, auditing, accounting, and dispute resolution from the perspectives of law, economics, and software solutions;
- Defining and analyzing legal problems arising in social relationships in the digital environment and under the influence of new technologies and identifying solutions based on existing regulations.

Skills:

- Using digital technologies, including data structures, algorithms, and software engineering;
- Analyzing and evaluating legal issues and acts related to digital technologies, such as online contracts, cybercrime liability, and digital identity;
- Integrating legal, economic, and technical knowledge to develop innovative solutions to complex issues related to digital technologies;
- Understanding the value chain in digital products and on digital markets;
- Understanding the principles of new technologies such as artificial intelligence, block chain, cloud computing, etc.;
- Understanding innovation and risk management in technology companies;
- Understanding the legal and economic approach in IT activities as specific to other industries;
- Understanding the transformation of business operations of economic entities and society as a whole under the influence of digital technologies, including e-governance in the public sector, crypto-economy, digital contracts, and profiling of personal data;
- Preparing legal solutions in the context of new technologies based on previous knowledge by analogy to avoid unregulated areas (civil and criminal law aspects);
- Ability to work in practice to solve legal problems arising from the application of digital technologies through an interdisciplinary approach (legal, economic, and technological).

Competencies (professional values and personal responsibility):

- Adapting to the challenges of business and market operations in the digital environment;

- Ethical awareness and the ability to recognize and solve ethical issues related to the use of digital technologies;
- Willingness to think critically and make decisions to solve legal challenges related to digital technologies
- Collegial skills for effective work in interdisciplinary teams with legal and technical professionals;
- Awareness of social and cultural implications of digital technologies, including their impact on human rights, democracy, and social justice.

2.2. The List of Obligatory and Elective Courses

The table 1 contains the list of courses with ECTS credits and number of hours.

| Year/ Semester | Course | Status | ECTS | Hours |
|----------------|--------------------------------------------------------------------------|-----------|-----------|------------|
| 1/I | | | | |
| 1. | Regulatory framework for digital technologies | mandatory | 5 | 30 |
| 2. | Intellectual property law and personal rights in the digital environment | mandatory | 5 | 30 |
| 3. | Digital business transformation | mandatory | 5 | 30 |
| 4. | Security of digital information | mandatory | 5 | 30 |
| 5. | Elective course | elective | 4 | 20 |
| 6. | Elective course | elective | 4 | 20 |
| 7. | Interdisciplinary workshop Case study - technology in legal proceedings | mandatory | 2 | 20 |
| Overall | | | 30 | 180 |
| 1/II | | | | |
| 1. | Artificial Intelligence and Law | mandatory | 5 | 30 |
| 2. | e-Government | mandatory | 5 | 30 |
| 3. | Elective course | elective | 4 | 20 |
| 4. | Interdisciplinary Workshop IT Project Audit | mandatory | 2 | 20 |
| 5. | Interdisciplinary Workshop Methodology of Thesis Writing | mandatory | 1 | 10 |
| | Thesis writing | | 13 | |
| Overall | | | 30 | 110 |
| Overall | | | 60 | 290 |

| | Interdisciplinary workshops | Sati P+V |
|----|----------------------------------------------|----------|
| 1. | Case study - technology in legal proceedings | 20 |

| | | |
|----|-------------------------------|----|
| 2. | IT Project Audit | 20 |
| 3. | Methodology of Thesis Writing | 10 |

| Elective courses - list | | Sati P+V |
|--------------------------------|------------------------------------------|-------------|
| 1. | Digital property | 20 |
| 2. | Implementation of IT projects and law | 20 |
| 3. | Law and digital content | 20 |
| 4. | IT risk management | 20 |
| 5. | Digital technologies and ethics | 20 |
| 6. | Fraud prevention and forensic accounting | 20 |

2.3. Information about the Programme's Structure and the Requirements for Enrolment in the Next Semester

In the application of the European Credit Transfer System (ECTS) in the master's study proposal "Law and Digital Technologies", the starting point is the agreement, accepted throughout the European area of higher education, that the work required to master one academic year of study amounts to 60 ECTS points. The student gets 47 ECTS points from the organized classes, and 13 ECTS points from the work on the final paper.

The program consists of 6 mandatory courses, 3 elective courses, 3 interdisciplinary workshops and the creation and defense of a Master's thesis (final thesis). During the first and second semesters, classes are held in English and BHS. Students do a final paper of their choice, in BHS or English.

Program structure:

| | |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First semester: | <ul style="list-style-type: none"> - 4 mandatory courses - 2 elective courses - 1 interdisciplinary workshop <p>= overall 30 ECTS</p> |
| Second semester: | <ul style="list-style-type: none"> - 2 mandatory courses - 1 elective course - 2 interdisciplinary workshops - preparation and defense of the final thesis <p>= ukupno 30 ECTS</p> |

2.4. The List of Elective Courses Offered at Other Study Programmes and the Requirements for their Selection

A student cannot choose a subject (mandatory or optional) from another study program, since the learning outcomes of this study program cannot be realized in that case.

2.5. Completion of the Programme

II cycle - Master's study ends with passing all exams and writing the final thesis.

The mentor for the preparation of the final thesis is proposed by the candidate based on the mentor's interests and field. The topic of the thesis must be related to the field of interdisciplinary study. Possible topics for final thesis are suggested by subject lecturer. Additionally, students can be approved for a final thesis topic that they propose independently, with prior consultation with the lecturer with whom they want to do the final thesis.

The mentor can also be a lecturer who did not teach in the second cycle of study, but the topic is related to the study. The proposed lecturer should have adequate knowledge and competence to be a mentor. The mentor is approved by the Council of the Center. The application for the topic is submitted in the prescribed form. After accepting the topic at the Council of the Center, the Council appoints the Commission for the evaluation and defense of the thesis. Members of the Commission can be lecturers with titles ranging from assistant professor to full professor. As a rule, the commission has a president and two members, or their deputies. One of the commission members is also a mentor.

All the other issues pertaining to the organization of the classes and the study programme – the students' rights and obligations, application process and the enrolment – shall be regulated by the Law, the Statutes, the Rules for the First and the Second Cycle, the Integrated Study Programmes, Professional and Specialist Study Programmes at the University of Sarajevo.