

Presentation of the study programme
2nd CYCLE MASTER STUDY PROGRAMME
SPATIAL PLANNING (MA)

Valid from study year 2023/2024 | Valid study programme from 20/01/2023

University of Ljubljana, Faculty of Civil and Geodetic Engineering

INFORMATION ABOUT THE STUDY PROGRAMME

1. Basic data

Programme name	Spatial Planning
Programme characteristics	
Type	academic
Cycle	second cycle
KLASIUS-SRV	Master higher education (second cycle Bologna)/Master higher education (second cycle Bologna) (17003)
ISCED	architecture, urbanism and civil engineering (58)
KLASIUS-P	Architecture and urbanism (5819)
Frascati	Technical sciences (2)
Level SOK	Level SOK 8
Level EOK	Level EOK 7
Level EOVK	Second cycle
Areas/modules/orientations	No subdivision (study programme)
Member of University of Ljubljana	Faculty of Civil and Geodetic Engineering, Jamova cesta 2, 1000 Ljubljana, Slovenia
Duration (years)	2
Number of ECTS per year	60
Implementation of study	full time

2. Basic goals of the programme

The study qualifies students to top professionals in the areas of sustainable spatial planning, regional planning and spatial environment protection for the work with spatial plans and in sectorial planning, in the administration, development, research and educational work. Apart from the employment positions in business companies for spatial planning and spatial management, some other major work areas are government, regional and municipal administration, regional development agencies, regional research, international planning, positioning of major projects into space. The study also qualifies experts for special spatial sciences such as spatial planning of tourism, industry, agriculture and forestry, location decisions, traffic planning, spatial planning of electricity and water supply, municipal environmental and other systems, education of experts for the evaluation of impacts on environment and for international spatial planning.

The study is organised in the framework of the studies offered at UL, FGG, the Department of Geodesy, but due to its interdisciplinary nature it is also interesting for students from other faculties with finished first degree who wish to focus on spatial planning. For students who already possess basic knowledge from spatial sciences there are no entry conditions, all other shall pass differential exams. In the majority of the developed European countries and the world spatial planners get the main skills at the second degree, when their special knowledge is upgraded with interdisciplinary knowledge of spatial planning.

The study programme qualifies students for spatial planners – generalists with balanced knowledge and skills from the areas of spatial planning, environment protection, geoinformation, urban and regional geography, spatial legislation, spatial economy, spatial sociology, infrastructural systems and other spatial sciences.

3. General competences

General competences acquired by the graduates of the master study programme are:

- generally well-informed and possessing knowledge from academic areas and scientific methods of work,
- development of skills to define, research, understand and creatively solve problems, principles and theories,
- critical observation and understanding of the situation in space, planning as individuals or within teams, independent collection of knowledge and search for sources,
- development of abilities of critical, analytical and synthetic thinking,
- qualified for the transfer and use of theoretic knowledge in practice and solving of professional and practical problems,
- development of professional and ethical responsibility,

- development of scientific literacy, public appearance and communication with customers,
- presentation and explanation of knowledge and results,
- general communication competences acquired mainly through presentations and discussions in seminars and within field work as preparation for practical tasks,
- ability to use foreign professional language in written and oral communication, communication in national and international scientific circles,
- ability to use information-communication technology,
- skills for creating interdisciplinary connections,
- respect for safety, functional and economic planning, nature protection and ecological aspects at work,
- development of moral-ethical standards (integrity of working with clients, unbiased advice, independence and expertise according to valid legislation),
- building an objective view to environment and society,
- acceptance of professional responsibilities to participants in spatial planning and to society as a whole

4. Course-related competences

Course-specific competences the students acquire within the programme Spatial Planning are mainly the following:

- understands the role and importance of spatial planning in modern society;
- understands the role and importance of implementing sustainable principles of interventions into space, environment protection and natural resources;
- is qualified for spatial planning at the local, regional, national and international levels;
- is qualified for the work at responsible positions in government administration regarding location decisions, inspections, for the coordination of sectors related to interventions into space;
- is qualified for the work with strategic development plans and implementation plans of municipalities, regions, state and with strategic plans of economic public services; inclusion into international spatial planning (in EU and outside);
- is qualified for the harmonisation of development and safety demands within interventions into space;
- is qualified for ensuring democratic principles within interventions into space and acceptability in social environment;
- is qualified for assuring market success and economic land development;
- is qualified for managing spatial databases, managing GISs for different tasks, spatial analyses and forecasts;
- is capable of synthesising spatial-environmental, economic, social, cultural and other components of integral planning;
- is capable of creating new knowledge in the profession with the emphasis on interdisciplinary character of phenomena in the space;
- is qualified for educational, research and development work in the areas of spatial planning and environment.

5. Conditions for enrolment

The second cycle master study programme Spatial Planning is available to graduates from:

- a) 1st cycle studies from the areas of spatial studies and spatial development;
- b) 1st cycle higher education professional studies before the introduction of the Bologna reform from the area of spatial studies and spatial development;
- c) graduates of 1st cycle academic programmes of related studies, provided that before enrolment candidates finish study obligations essential for the continuation of study and containing contents from spatial planning, statistics and use of GIS tools; any missing contents shall be defined considering the differences of the professional field in the form of differential exams consisting of 10 to 60 ECTS. Candidate may pass such exams during the 1st cycle studies or before the enrolment to the master study of Spatial Planning;
- d) 1st cycle higher education professional study before the introduction of Bologna reform from related areas, provided that before enrolment candidates finish study obligations essential for the continuation of study and containing contents from spatial planning, statistics and use of GIS tools; any missing contents shall be defined considering the differences of the professional field in the form of differential exams consisting of 10 to 60 ECTS; Candidate may pass such exams during the 1st cycle studies or before the enrolment to the master study of Spatial Planning.

Obligations of the individual bridging programme shall be defined by the Study Board of the Department of Geodetic Engineering according to the missing knowledge of the candidate as obtained in previous education. The same is valid for the enrolment of students from other higher education institutions in Slovenia, EU and elsewhere.

The number of places is determined in the Call for enrolment into second cycle study programmes of the University of Ljubljana individually for each academic year.

6. Selection criteria when enrolment is restricted

In case of restricted enrolment, the following conditions shall be considered: grade obtained in the first cycle study (100%).

7. Criteria for recognising knowledge and skills acquired before enrolment in the programme

Student can be acknowledged the knowledge that matches the contents and scope of the study in the programme Geodesy and Geoinformation. The Study Board of the Department of Geodesy UL FGG takes decisions regarding the acknowledgement of knowledge and skills acquired before the enrolment, based on the student's written application, the enclosed certificates and other documents evidencing the successfully acquired knowledge and contents of this knowledge, and in accordance with the Rules on the procedure and criteria for the acknowledgement of informally acquired knowledge and skills, adopted on 29 May 2007 at the 15th meeting of the UL Senate from 29.5.2007.

For the acknowledgement of knowledge and skills the following shall be considered:

- certificates and other documents evidencing finished courses and other forms of education,
- evaluation of plans, studies, research work, publications and other original works of the student,
- evaluation of knowledge acquired by the student based on self-education or learning from experiences (possibility of completing study obligations without participation at lectures, practical work, seminars),
- adequate work experiences.

Shall the Study Board of the department establish that the acquired knowledge may be acknowledged, this shall be evaluated with the same number of points according to ECTS as the number of points in the subject.

8. Methods of assessment

The assessment methods are in accordance with the [Statute of University of Ljubljana](#) and listed in the Course Syllabi.

9. Conditions for progression through the programme

Conditions for progression from one year to another

The student may enrol to subsequent year, if they complete by the end of the study year all the obligations foreseen by the study plan, amounting to at least 45 ECTS.

Exceptionally the student may enrol to subsequent year if he/she has not completed all his/her obligations defined by the study programme as the condition to enrol to higher year, if they have justifiable reasons as defined by the UL Statute The UL FGG Commission for solving student applications decides on exceptional enrolment.

Under the conditions from the above paragraph the student may enrol to subsequent year with at least 30

ECTS points collected. The Study Board of the Department of Civil Engineering of UL FGG adopts the decisions about the enrolment from the above paragraph.

A student who shows above-average academic results in his/her studies is given the opportunity to advance faster. The decision on this is made by the Dean of UL FGG on the basis of the candidate's application and the reasoned opinion of the Study Board of the UL FGG Department of Geodetic Engineering. The decision determines the method of faster advancement.

Conditions for repeated enrolment in the same year

Failing to meet all the obligations defined by the study programme for the advancement in the next year, students may enrol in the same year for the second time. They are entitled to the repeated enrolment only once for the duration of the study, provided that they achieve at least 30 credit points according to ECTS.

10. Transfers between study programmes

Transfer between programmes shall mean termination of education in the student's original study programme (first programme) and continuation of education in the second cycle master study programme of Spatial planning (second programme), in which a part of the completed study requirements from the first study programme are recognised as completed.

Transfers are possible from the second cycle study programmes, and until their expiration also from the undergraduate academic study programmes adopted after June 11 2004, where the competences of the finished studies are comparable and according to the acknowledgement criteria at least half of the obligations according to ECTS from the first study programme related to compulsory courses of the second study programme can be acknowledged. Considering the scope of acknowledged obligations from the first study programme in the Republic of Slovenia or abroad student may enrol to the same or higher year in the second study programme. Transferring students shall fulfil the conditions for the enrolment to the second study programme.

Applications of candidates for the transfer to the second cycle master study programme Spatial planning and the scope of acknowledged obligations in the study programme will be examined individually by the Study Board of the Department of Geodesy. If in the procedure of acknowledging obligations for the purpose of transfer the candidate is approved at least the amount of credit points and those point that are required for the enrolment to a higher year of the second cycle master study programme Spatial planning, the candidate may enrol to the higher year of the second cycle master study programme Spatial planning.

11. Conditions for completion of the study

Students finish the study by accomplishing all the prescribed obligations totalling 120 points according to ECTS, including practical training and submission and defence of the master thesis.

12. Conditions for completion of individual parts of the programme

The study is uniform.

13. Qualification, professional or academic title

- magister prostorskega načrtovanja (second cycle graduate in spatial planning) (male)
- magistrica prostorskega načrtovanja (second cycle graduate in spatial planning) (female)

14. Qualification, professional or academic title (abbreviation)

mag. prost. načrt.

SYLLABUS OF STUDY PROGRAMME WITH FORESEEN COURSE COORDINATORS

15.No subdivision (study programme)

1st year, mandatory

	Code	Course title	Lecturers	Contact hours					Independent work	Total hours	ECTS	Semester	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other study forms					
1.	1661	Property Law	Gregor Dugar	30	0	15	0	0	45	90	3	Winter	no
2.	1674	Basics of Spatial Sociology	Matjaž Uršič, Metka Kuhar	30	0	15	0	0	45	90	3	Winter	no
3.	1663	Landscaping and Environment Protection	Nadja Penko Seidl	30	0	0	25	5	60	120	4	Winter	no
4.	1725	Composition and design	Gregor Čok	30	0	0	30	0	60	120	4	Winter	no
5.	1665	Spatial Planning Methodology with Project Work	Alma Zavodnik Lamovšek	45	0	75	0	30	150	300	10	Winter	no
6.	1574	Elective Course I		45	30	15	0	0	90	180	6	Winter	yes
7.	1728	Cartographic Presentation	Dušan Petrovič	30	0	0	45	0	75	150	5	Summer	no
8.	1729	Urban Planning with Project Work	Gregor Čok	30	0	45	0	15	90	180	6	Summer	no
9.	1732	Spatial Data Analyses	Krištof Oštir, Samo Drobne	30	0	30	0	0	60	120	4	Summer	no
10.	1733	Rural Planning	Alma Zavodnik Lamovšek	30	0	45	0	0	75	150	5	Summer	no
11.	1668	Cadastral Land Rearrangement	Anka Lisec	30	0	0	30	0	60	120	4	Summer	no
12.	1243	Municipal and Housing Economics	Maruška Šubic-Kovač, Daniel Kozelj	30	15	45	0	0	90	180	6	Summer	no
Total				390	45	285	130	50	900	1800	60		

2nd year, mandatory

				Contact hours									

	Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other study forms	Individ. work	Total hours	ECTS	Semester	Elective
1.	1370	Spatial Statistics	Goran Turk	30	0	30	0	0	60	120	4	Winter	ne
2.	1372	Regional Spatial Planning	Simon Kušar	30	0	30	0	0	60	120	4	Winter	ne
3.	1686	Spatial Economics	Andreja Cirman, Sonja Šlander Wostner	24	0	21	0	0	45	90	3	Winter	ne
4.	1383	Infrastructural Systems with Seminar	Maruška Šubic-Kovač, Daniel Kozelj	30	45	75	0	0	150	300	10	Whole year	ne
5.	1749	Practical training	Matevž Dolenc, Simona Savšek	6	0	0	0	120	54	180	6	Winter	ne
6.	1574	Elective course II		45	30	15	0	0	90	180	6	Winter	da
7.	1687	Real Estate Management	Maruška Šubic-Kovač, Daniel Kozelj	30	0	15	0	0	45	90	3	Summer	ne
8.	1750	Introduction to Master Thesis	Alma Zavodnik Lamovšek	5	0	45	0	10	60	120	4	Summer	ne
9.	1384	Project task with seminar	Alma Zavodnik Lamovšek	0	45	75	0	30	150	300	10	Summer	ne
10.	1751	Master thesis		0	0	0	0	150	150	300	10	Summer	ne
		Total		200	135	291	0	310	864	1800	60		

Elective courses

	Code	Course title	Lecturers	Contact hours					Individ. work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other study forms					
1.	1253	Remote Sensing	Mojca Kosmatin Fras	30	0	15	0	0	45	90	3	Summer, Winter	yes
2.	1254	Real Estate Valuation	Maruška Šubic-Kovač	45	0	45	0	0	90	180	6	Summer, Winter	yes
3.	1251	Spatial Data Positioning and Acquisition	Mojca Kosmatin Fras, Polona Pavlovčič Prešeren, Tomaž Ambrožič	45	0	0	45	0	90	180	6	Summer, Winter	yes
4.	1611	Protective planning	Mojca Golobič	15	0	30	0	0	45	90	3	Summer, Winter	yes
5.	1609	Urban Renewal	Sonja Ifko	15	0	30	0	0	45	90	3	Summer, Winter	yes
6.	1610	Water sensitive urban design	Nataša Atanasova	15	0	30	0	0	45	90	3	Summer, Winter	yes
7	1799	Urban design of single-use and mixed-use areas	Gregor Čok	15	45	0	0	0	45	105	4	Summer, Winter	yes
Total				195	45	165	45	15	450	915	31		

16. Possibilities of elective courses and mobility

During the study student selects two elective subjects: one in the 2nd semester and one in the 3rd semester. The study programme proposes seven elective professional subjects (Spatial Data Positioning and Acquisition, Urban Renewal, Remote Sensing, Real Estate Valuation, Environment Planning and Impact Assessment, Water sensitive urban design and Urban design of single-use and mixed-use areas). Among other elective subjects from UL FGG, students are recommended to select subjects from the areas of traffic infrastructure and hydrology. Among external elective subjects from other faculties as members of UL, from other universities and higher education institutions in Slovenia or abroad, mainly contents from the areas of urbanism and spatial planning, law, spatial economics, administration, communicology, computer science, foreign language, etc., are recommended. The student can choose Project and Experiential Learning II (extracurricular activity) as an elective course

Student may transfer 30 ECTS points of the programme (one study semester, regardless of compulsory and elective units) from any other area of civil engineering, provided that there exists an adequate agreement signed with UL FGG.