

1ST CYCLE UNIVERSITY
STUDY PROGRAMME
URBANISM

UNIVERZITETNI ŠTUDIJSKI
PROGRAM
PRVE STOPNJE
URBANIZEM

Changed in 2023

Univerza v Ljubljani
Fakulteta za arhitekturo



2023–2024

Changed in 2023

UNIVERSITY OF LJUBLJANA
FACULTY OF ARCHITECTURE LJUBLJANA, 2022

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UNIVERSITY OF LJUBLJANA FACULTY OF ARCHITECTURE

The Faculty

»The Faculty of Architecture is the largest higher education institution for educating architects and urban planners in Slovenia. It employs educators and associate professionals who, with their creative work, ensure outstanding national and international achievements in architectural arts and sciences. Through its hands-on educational approach involving active creators from practice, economic, and cultural knowledge is directly and instantly transferred to the study environment. The students are permanently in touch with practical experience, economy, and local communities.

On the other hand, in close cooperation with the umbrella institution, the Museum of Architecture and Design, the faculty preserves the architectural tradition and the development of contemporary spatial theories. The cooperation takes place on several levels, i.e. promotion of high-quality and relevant MSc theses, preparation of exhibitions, collaboration in implementing fundamental theoretical and monument protection work in contemporary architecture.«

Prof. dr. Matej Blenkuš, dean

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Department of Architectural Technology

Department of Design and Presentations

Department of History, Theory, and Renewal

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1 A SHORT PRESENTATION OF THE FACULTY OF ARCHITECTURE UNIVERSITY OF LJUBLJANA (UL FA) AND THE FIRST CYCLE UNIVERSITY STUDY PROGRAMME URBANISM:

The Ljubljana school of architecture has a long tradition; it is only a year younger than the University of Ljubljana. Its founder was Ivan Vurnik but it was notably marked by Jože Plečnik and later by architect Edvard Ravnikar. These two names made it renowned throughout Europe and the world.

Urbanism is traditionally linked to architecture which belongs to the group of European regulated professions. In most European countries, schools of architecture are the central schools for teaching urbanism. That is why the study of urbanism as an important discipline has always been, by the nature of the course itself, linked to the study of architecture, because it adheres to the rule of the profession, as the famous professor Aldo Rossi says: “The city is architecture (of) architectures and urbanism is only a larger arena of classical architectural tasks.”

In Ljubljana, the study of architecture has always been connected to urbanist topics, be it through the first teachers, Plečnik and Vurnik, or later even more so through Ravnikar and his students. The more general urbanistic topics were later joined by interdisciplinary studies of spatial planning at the Faculty of Civil and Geodetic Engineering (UL FGG) and the study of Landscape Architecture at the Biotechnical Faculty (UL BF). In 1984, a new study programme was introduced at the Faculty of Architecture, which implemented a trend towards architecture, urbanism and design. In 1999, postgraduate specialist studies of urbanist planning were organized.

With the transition to the Bologna study system and the adjustment of the Faculty of Architecture’s study programme to the requirements of the European Directive of Regulated Professions in 2007, the Faculty had to cancel both study programmes. For this reason, we want the new programme of urbanistic planning and design to fill the void, because the Ljubljana Faculty of Architecture has been until now the only institution in Slovenia which has taught for the profession of architect–urbanist, whose knowledge and tasks place the professional between the levels of architect and space designer–planner. The existing personnel void is even more detrimental for Slovenia, because the profile of architect–urbanist (town architect) has received new professional competencies in accordance with the new legally defined tasks, and through these architect–urbanists will sharpen their personal professional responsibility when creating and changing spatial policies of municipalities as basic territorial units.

For this purpose, graduates of both levels will have to obtain complex knowledge or general awareness about theoretical and practical aspects of urban planning and design, about planning methods, the legal basis for space arrangements, elements of action planning and strategic evaluation, about the basics of municipal and housing economy, and in–depth knowledge of the public sector operations, from the national level to local levels to the corporate public services. They will need to acquire knowledge about the basics of project and quality management, and, last but not least, master the basics and techniques of urbanistic design, planning and projecting. The role of the proposed programme in the economic and cultural development of the country is evident, because according to the wording of the European directive, ‘urbanism, much like architecture, architectural design, quality of buildings, their harmony with the environment, respect for natural and cultural landscape’ is a matter of ‘public interest’ in all European countries.

2 INFORMATION ABOUT THE STUDY PROGRAMME:

The duration of the First cycle university study programme Urbanism is 3 years (6 semesters) and encompasses 180 credit points all together.

The professional title received by the graduate is Bachelor of Science [diplomirani inženir arhitekt–urbanist (UN) – for male holders or diplomirana inženirka–arhitektka urbanistka (UN) – for female holders], abbreviation: B.Sc. [dipl. inž. arh. urb. (UN)].

| | |
|----------------------------|---|
| Study programme | First-Cycle University Study Programme in Urbanism |
| KLASIUS–SRV | Academic higher education programme (first Bologna cycle) / Academic higher education (first Bologna cycle) (16204) |
| ISCED | Architecture, Urbanism and Civil Engineering (58) |
| KLASIUS–P | Urbanism (not specified in detail) (5812) |
| Frascati | Engineering and technology (2) |
| Social sciences (5) | Humanities (6) |
| SQF level | 7 |
| EQF level | 6 |
| EHEQF level | First cycle |
| Duration in years | 3 |

3 INTERNATIONAL COMPARISON OF THE STUDY PROGRAMME

All compared foreign programmes are suitably accredited or recognised in the country in which they are provided.

- 1 Bachelorstudiengang Stadt– und Regionalplanung, Technische Universität Berlin, Germany;
www.tu.berlin.de
- 2 Bachelor Architecture, Urbanism and Building Science, University of Technology, Delft, The Netherlands;
www.tudelft.nl
- 3 Bachelor–Studiengang Architektur, Eidgenössische Technische Hochschule (ETH) Zürich, Switzerland;
www.ethz.ch

In Slovenia, the need for a profile of architect–urbanist arises from the importance of urbanist design, quality of urbanist arrangements and their harmonisation with the environment, respect towards the natural and urban landscape, which is in the public interest. The profile of architect–urbanists will be in accordance with the new, legally defined tasks of the new professional jurisdiction. Through this the personal professional responsibility for forming and monitoring spatial policies of the municipalities as basic territorial units will be honed.

1 Technische Universität Berlin (TU Berlin)

The study programme at TU Berlin educates students for work at universities and research institutions, and in local and state institution and private enterprises which deal with spatial development, urban renovation and urban planning, on different scales of measurements (neighbourhood, settlement, city, region, etc.).

2 University of Technology Delft (TU Delft)

The study programme of urbanism at TU Delft offers a wide array of opportunities for education of perspective urbanists, planners and spatial designers, and through this it achieves finding new solutions for efficient and aesthetic spatial organization, taking into account the welfare, social and other processes which influence the design of urban space.

3 Eidgenössische Technische Hochschule (ETH Zürich)

ETH Zurich is a technical university of Swiss Confederation and is aimed at education and research. At ETH the autonomy and identity is maintained through awareness and implementation of social, cultural and economic movement within the country.

4 PROGRAMME OBJECTIVES AND SUBJECT–SPECIFIC COMPETENCIES OF GRADUATES

• Programme objectives:

The programme educates an architect–urbanist. The programme's basic objective is to qualify professionals for less demanding tasks from the field of urbanistic planning and design, and spatial management. An architect–urbanist's responsibility comes from the meaning of urbanistic design, quality of urbanistic lay–outs, their harmony with the environment with respect to the natural and urban landscape, which is in public interest. Public interest regarding the quality of physical space is protected by the Slovene as well as the European legislation. The Slovene legislation determines conditions for an architect project engineer–urbanist, a supervisor, a reviser of planned spatial development, a spatial planner, a manager of spatial plan preparation, a municipal urbanist, a researcher, etc.

The profile of an architect urbanist is extremely complex, because architect–urbanists have to be capable of thinking about people and their spatial problems in most different criteria: from regional development criteria to architecture and vice versa. They have to derive from modern theoretical and technological knowledge, upgrade it, and endeavour to find the balance between the functionally–technical and the artistic component of the urban creation. The educational profile of an architect urbanist combines knowledge from the technical, social science and humanistic fields, with additional components of capability to design and create space or build urbane structures.

Compliance with reference lines for sustainable balance of spatial development of Slovenia:

A quality designed space is a condition for the economic competency and European recognition of Slovenia. The role of the university education in the field of spatial planning (managing and designing) is of key importance for improving the quality of space of our urban landscape. The University arena (with its programmes) presents an innovative–experimental environment, which deals with the very essence of sustainably balanced spatial development. The programme of educating architect–urbanist takes into account the European Directive as well as Slovene construction and urbanistic legislation.

For the work of architect–urbanist the knowledge of spatial legislation is key, and at the same time it »defines the conditions for an architect project engineer–urbanist« in Slovene legislation:

- the Construction Act. Acquiring Statuses and Licences and their Revoking.
- Rules of professional certificate exams from the field of engineering services.
- Procedures on Recognising Qualifications of the Citizen of EU Member States Act for performing regulated professions or regulated professional activities in the Republic of Slovenia.
- Rules on procedures for recognising professional qualifications of the citizen of European Union member states, the European economic space and the Swiss confederation for performing regulated professions and activities in the Republic of Slovenia.
- Rules on recognising professional qualifications Responsible Project Engineer for the field of Architecture to citizen of the European Union member states, European economic space and Swiss confederation.
- Rules on form and contents and manners of managing the registry of the Chamber for Architecture and Spatial Planning of Slovenia.
- An individual receives a licence or authorisation for responsible project engineer or spatial planning only when listed in the registry. And this is also regulated by the Construction Act.
- The European Parliament and Council Directive on recognising professional qualifications.

- **General competencies obtained from the programme:**

- By studying at the First cycle university study programme Urbanism the student obtains general competencies, such as:
- basic knowledge from the field of urbanism and architecture,
 - the ability to use the knowledge in practice,
 - the development of communication abilities and skills, especially communication in the international environment,
 - the consideration of sustainable safety, functional, economic, environmental and ecologic aspects when working,
 - the ability to analyse, synthesize and anticipate solution and consequences,
 - autonomy in professional work, – ethic reflection and dedication to professional ethics,
 - the ability to independently perform less demanding project tasks.

- **Subject-specific competencies, which are obtained by the programme, are based on the long standing tradition of the Ljubljana School of Architecture, which was founded as a department of the Construction Technical Engineering in 1920 and which guarantees its graduates to obtain:**

- The skills and knowledge to create less demanding urbanistic projects which fulfil the functional, technical and aesthetic demands of the profession and modern sustainability oriented society.
- Suitable knowledge from the field of history of urbanism, and urbanistic and architectural theory, and theory of related arts, social science and technique.
- Broader knowledge of fine arts and their effect on the urban design.
- project engineering, and knowledge which is necessary in the planning process.
- An understanding of the relationship between objects and their environment, and the relationship between people and built environment.
- An understanding of the profession and social function of architect-urbanist, especially when preparing project outlines, which have to take into account the broadest social factors.
- The knowledge of project approach for creating project outlines.
- The knowledge of spatial and construction plans and construction and technical problems, connected to planning space and objects and appliances in space.
- The needed knowledge from the field of urbanistic planning which guarantees compliance with users' demands within the framework of cost limitations and environmental, spatial and construction regulations.
- The knowledge of regulations and procedures from spatial and construction legislation.

5 CONDITIONS FOR ENROLMENT AND SELECTION CRITERIA IN THE CASE OF LIMITED ENROLMENT

- **The conditions for applying to the First Cycle University Study Programme Urbanism are as follows:**

- a** the candidate has to have passed the matura exam; or
- b** the candidate has to have passed the professional matura exam in any secondary school programme and has passed the mathematics matura exam, or foreign language exam if mathematics was part of their professional matura exam; or
- c** the candidate had completed any four year secondary school programme prior to June 1, 1995. All candidates must undergo a test for specific talent or psychophysical capabilities to study at the First cycle university study programme Urbanism. All candidates must pass the test of capabilities for studying at the First cycle university study programme Urbanism.

The number of enrolment places is 30 for full-time study and additional 15 for part-time study of the proposed First cycle university study programme Urbanism at UL FA.

All candidates must undergo a test for specific talent or psychophysical capabilities to study at the First cycle university study programme Urbanism.

All candidates must pass the test of capabilities for studying at the First cycle university study programme Urbanism. Should the number of candidates exceed the number of enrolment places, the conditions for enrolment into the First cycle university study programme Urbanism are as follows:

- results of capability test (80% of points),
- general matura, professional matura or final exam results (10% of points),
- general outcome in 3rd and 4th year of secondary school (10% points),

- **Test of capabilities**

The specific talent or psychophysical capabilities test at the First cycle university study programme Urbanism tests the following: the ability to make logical conclusions, the ability of spatial perception, and expressing and understanding the problems of modern living.

- **Part-time study**

The candidates for part-time study have to comply with all the listed enrolment conditions. Tuition is set in accordance with the valid pricelist UL.

6 CRITERIA FOR RECOGNISING KNOWLEDGE AND SKILLS OBTAINED PRIOR TO ENROLMENT INTO THE STUDY PROGRAMME

Knowledge, competence or abilities obtained before enrolment: certain knowledge which corresponds in terms of contents to subject-specifics of the programme Urbanism can be recognised. The recognition of knowledge and abilities obtained prior to enrolment is resolved by the UL FA Study Affairs Committee, based on the existing regulations, and the student's written request with enclosed report cards and other documents which prove the obtained knowledge and the contents of the obtained knowledge. The knowledge is recognised in accordance with the UL Senate.

7 CONDITIONS FOR PROGRESSION THROUGH THE PROGRAMME

• Conditions for progression from year to year

The conditions for progression are in accordance with the UL Statute. In accordance with the UL Statute, students can exceptionally progress to higher year even if they haven't fulfilled all the obligations required by the study programme for progressing, when the reasons are justifiable. The UL FA Study Affairs Committee decides on progression. Students can progress if they 12 UL FA, 1st Cycle University Study Programme Urbanism completed all obligations regulated by syllabus by the end of academic year, and obtained the following number of ECTS points:

- to progress to 2nd year, student must pass Urban Project Engineering 1 and obtain the minimum of 48 credit points from 1st year,
- to progress to 3rd year student must have passed all 1st year exams and Urban Project Engineering 2 and obtain the minimum of 48 credit points from 2nd year.

The UL FA Study Affairs Committee can exceptionally allow progression for a student with justifiable reasons (parenthood leave, prolonged illness, exceptional family or social circumstance, status of person with special needs, active participation in top professional, cultural and sports events, active participation in the University bodies).

A student whose learning outcomes are above average can be allowed to progress faster. This is resolved by the UL FA Senate, based on the candidate's request and the UL FA Study Affairs Committee's substantiated opinion.

• Conditions for repeating the year

Any student, who has not completed all the obligations for progression, as regulated by the study programme, may, in the course of their studies, repeat a year once, providing they obtained a minimum of 30 ECTS credits.

8 CONDITIONS FOR COMPLETION OF THE COURSE

The student completes the course when he/she completes all the required obligations in the extent of 180 ECTS credit points, including practical training and the 1st cycle diploma work.

In accordance with the Professional and Academic Titles Act the professional title received by the graduate is Bachelor of Science [diplomirani inženir arhitekt–urbanist (UN) – for male holders or diplomirana inženirka–arhitektka urbanistka (UN) – for female holders], abbreviation: B.Sc. [dipl. inž. arh. urb. (UN)].

9 CONDITIONS FOR TRANSFERRING BETWEEN PROGRAMMES

• Conditions for transferring between programmes

The term transferring means that the student ceases to study in the study programme he/she originally enrolled in, and continues the education in the new First Cycle University Study Programme Urbanism, where all or part of study obligations from the student's original study programme are recognised as completed obligations of the First Cycle University Study Programme Urbanism.

If the change of the study programme or course is the consequence of incomplete obligations from the previous programme or course, this is not considered a transfer.

• The following criteria are taken into account for transfers between programmes:

- meeting the requirements for enrolment into the new study programme;
- the number of available spaces;
- years or semesters in the previous study programme, in which the student completed all study obligation, which can be recognised as a whole;
- the minimal number of years or semesters the student has to complete to graduate from the new programme.

• In the First Cycle University Study Programme Urbanism (UN) programme transfers from the following study programmes are envisioned:

- from the new First Cycle Study Programmes (UN) from the field of related technical and social sciences; – from the university study programmes accepted after 1994, from the field of technical and social sciences; – from the unified master's programmes from the field of related technical and social sciences;
- from the new first cycle study programmes (UN) from the field of technical and social sciences.

In accordance with the UL FA Rules for testing and assessing knowledge, the UL FA Study Affairs Committee can impose additional obligations on the student and set a date by which those obligations have to be met. The UL FA Study Affairs Committee can also recognise part of the exams such student passed on the original study programme, but are not envisioned in the new First Cycle Study Programme Urbanism (UN) as substitutes for elective subjects outside UL FA.

When the student submits appropriate proofs, the UL FA Study Affairs Committee can recognise the student's practical training.

A student may transfer into 2nd or 3rd year of the First Cycle University Study Programme Urbanism if:

- the student meets the requirements to enrol in this study programme,
- there are open enrolment places,
- the student completed all the study obligations of a lower year in the original programme (at least the amount and the credit points required for progress to a higher year, see Criteria for transferring between study programmes, Article 9).

10 GRADING METHODS

The students' knowledge is verified and graded in individual subjects, so that the study process of every subject ends with a test of knowledge or acquired skills. The testing methods (oral or written exam, colloquium, seminary papers, log books, practical tasks, projects, portfolio, and peer evaluation) are defined in subjects' syllabuses. General rules for student evaluation is regulated by the Rules for evaluating and testing the knowledge at UL FA which is verified by FA Senate. Details are defined by study rules. There is one final grade, which consists of student's completed obligations in a subject. Every obligation has to be marked with a positive grade. The knowledge from lectures which is verified by oral and written examination, seminars, home projects and similar accumulates to maximum 30% of the grade. The knowledge from seminars, seminar Tutorials, laboratory practice, field work and others which is verified by oral or written exams, seminars, home projects, and home work and similar accumulates to at least 70% of the grade.

In accordance with the University of Ljubljana statute for grading, the following grading scale and grades are used:

- 10 91–100 %: excellent: outstanding performance with minor errors,
- 9 81–90 %: very good: above average knowledge, but with some errors,
- 8 71–80 %: good: solid results,
- 7 61–70 %: satisfactory: fair knowledge but with significant shortcomings,
- 6 51–60 %: sufficient: knowledge meets minimum criteria,
- 5 < 50 % and less: unsatisfactory: knowledge does not meet minimal criteria.

The candidate successfully passes the exam if the grade he receives is in the satisfactory (6) to excellent (10) range.

11 STUDY PROGRAMME CURRICULUM

The student work load is 60 ECTS per year, which corresponds to 1800 hours a year; the hours include contact tutorials and individual work.

• Subjects with mandatory contents

| | |
|--|---|
| Mathematics | izr. prof. dr. Jaka Smrekar |
| Descriptive Geometry | doc. dr. Domen Kušar |
| Representation Techniques 1 | izr. prof. dr. Tomaž Novljan |
| Introduction to History of Architecture and art | doc. dr. Miloš Kosec doc. dr. Nika Grabar |
| Environmental Aspects of Sustainable Development | doc. dr. Tjaša Pogačar |
| Basics of Geodesy and Cartography | doc. dr. Dušan Petrovič |
| Open Space and Context | doc. Aleksander Ostan |
| Introduction to Urbanism | doc. dr. Matevž Juvančič |
| Basics of Geoinformation Technology | izr. prof. dr. Blaž Repe |
| Urban Ecology | prof. dr. Katja Vintar Mally |
| Introduction to Art Theory | izr. prof. Jaka Bonča |
| Representation Techniques 2 | izr. prof. dr. Tomaž Novljan |
| History and Theory of Urbanism | izr. prof. dr. Ilka Čerpes |
| Project Management and Control in Urbanism | doc. dr. Matej Nikšič |
| Urban Sociology | izr. prof. dr. Marjan Hočevar |
| Legal Foundations of Spatial Planning | izr. prof. dr. Senko Pličanič |
| Municipal Infrastructure | doc. dr. Daniel Kozelj |
| Representation Techniques 3 | prof. Janez Koželj |
| Structure and Technology | doc. dr. Tomaž Slak |
| Traffic Planning Infrastructure Systems | izr. prof. dr. Marijan Žura doc. dr. Peter Lipar |
| Practice Study | doc. dr. Matevž Juvančič, doc. Primož Hočevar |
| Urban Design | izr. prof. mag. Polona Filipič Gorenšek |
| Urban and Architectural Renovation | izr. prof. dr. Sonja Ifko |
| Rural Planning | prof. dr. Alenka Fikfak |
| Regional Planning | doc. dr. Alma Zavodnik Lamovšek |
| Spatial Economics and Management | doc. Primož Hočevar |
| Introduction to Diploma Thesis | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. dr. Matevž Juvančič doc. Primož Hočevar |
| Urban Planning | izr. prof. dr. Ilka Čerpes |

1st Cycle Diploma Thesis

| | |
|---------------------------------|---|
| | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek prof. mag. Tadej Glažar |
| Economics of the Housing Market | prof. dr. Andreja Cirman |
| Urban Design Studio 1 | List of Mentors Note 1 |
| Urban Design Studio 2 | List of Mentors Note 1 |
| Urban Design Studio 3 | List of Mentors Note 1 |

Note 1: Lecturers: Urban Design Studio 1–3 and Diploma Thesis; all the lecturers of other subjects of the study programme and have adequate professional references from the field of architecture and urbanism.

The list of lecturers of Urban Design Studio 1, 2 and 3:

| | |
|--|---|
| | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes doc. dr. Matevž Juvančič izr. prof. mag. Polona Filipič Gorenšek doc. Primož Hočevar |
|--|---|

The list of mentors is changed and suggested to the UL FA Senate by the Study Committee.

Note 2: Coordination with the municipal department for spatial management is organised by the University of Ljubljana, Faculty of Architecture. The two-week study practice at the municipal department for space and the environment or similar institutions registered for performing urbanistic activities.

The mentors are:

| | |
|--|---|
| | doc. dr. Matevž Juvančič doc. Primož Hočevar |
|--|---|

• Elective subjects of the group A

| | |
|--|---|
| A1.1 Architectural Design | prof. mag. Tadej Glažar prof. Maruša Zorec doc. Rok Žnidaršič |
| A1.2 Materials and Forms | doc. Rok Žnidaršič |
| A1.3 Architectural Theory and Critique | prof. ddr. Petra Čeferin |
| A1.4 General Safety | doc. dr. Domen Kušar |
| A1.5 Urban Design Workshop 1 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. Primož Hočevar doc. Aleksander Ostan doc. dr. Matevž Juvančič izr. prof. dr. Lucija Ažman Momirski prof. mag. Tadej Glažar prof. dr. Tadeja Zupančič izr. prof. dr. Sonja Ifko |
| A1.6 A2.4 Internation Urbanism Week | doc. dr. Matevž Juvančič doc. Primož Hočevar |
| A2.1 Urban Geography | prof. dr. Dejan Rebernik |
| A2.2 Urban Anthropology | doc. dr. Gregor Čok |
| A2.3 Urban Design Workshop 2 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. Primož Hočevar doc. Aleksander Ostan doc. dr. Matevž Juvančič izr. prof. dr. Lucija Ažman Momirski prof. mag. Tadej Glažar prof. dr. Tadeja Zupančič izr. prof. dr. Sonja Ifko |
| A1.7 Architectural Workshop | doc. Aleksander Ostan prof. dr. Alenka Fikfak, izr. prof. Alessio Princic, prof. dr. Aleš Vodopivec prof. mag. Anja Planišček, doc. dr. Domen Zupančič, izr. prof. dr. Ilka Čerpes izr. prof. Jaka Bonča, prof. Jurij Sadar, doc. Leon Belušič, doc. dr. Leon Debevec izr. prof. dr. Ljubo Lah, izr. prof. dr. Lucija Ažman Momirski prof. dr. Martina Zbašnik Senegačnik, prof. Maruša Zorec, prof. dr. Matej Blenkuš doc. dr. Matevž Juvančič, prof. Mihael Dešman, doc. Mitja Zorc doc. Mojca Gregorski, doc. dr. Or Ettliger, doc. Paul O. Robinson prof. ddr. Petra Čeferin, izr. prof. dr. Polona Filipič Gorenšek, doc. Primož Hočevar doc. Rok Žnidaršič, izr. prof. dr. Sonja Ifko, doc. dr. Špela Hudnik prof. mag. Tadej Glažar, prof. dr. Tadeja Zupančič, prof. mag. Tomaž Krušec izr. prof. dr. Tomaž Novljan, doc. dr. Tomaž Slak, prof. Vaso Perović |
| A1.8 A.2.5 Theory and Practice of Urbanity | prof. mag. Tadej Glažar |

Year 1, 1st semester

| Subj. no. | Subject | Lecturer | Contact hours | | | | | Total hours | ects |
|------------|--|--|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | Indep. work of student | | |
| 1.1 | Mathematics | izr. prof. dr. Jaka Smrekar | 30 | | 30 | | 90 | 150 | 5 |
| 1.2 | Descriptive Geometry | doc. dr. Domen Kušar | 15 | | 30 | | 45 | 90 | 3 |
| 1.3 | Representation Techniques 1 | izr. prof. dr. Tomaž Novljan | | | 45 | 15 | 60 | 120 | 4 |
| 1.4 | Introduction to History of Architecture and art | doc. dr. Nika Grabar doc. dr. Miloš Kosec | 30 | | 30 | | 90 | 150 | 5 |
| 1.5 | Environmental Aspects of Sustainable Development | doc. dr. Tjaša Pogačar | 30 | 15 | 15 | | 90 | 150 | 5 |
| 1.6 | Basics of Geodesy and Cartography | doc. dr. Dušan Petrovič | 15 | | 15 | 30 | 60 | 120 | 4 |
| 1.7 | Open Space and Context | doc. Aleksander Ostan | 15 | 0 | 30 | 15 | 60 | 120 | 4 |
| Total | | | 135 | 15 | 195 | 60 | 495 | 900 | 30 |
| Percentage | | | 15 | 2 | 22 | 7 | 55 | 100 | |

Year 1, 2nd semester

| Subj. no. | Subject | Lecturer | Contact hours | | | | | Total hours | ects |
|------------|-------------------------------------|--|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | Indep. work of student | | |
| 1.8 | Introduction to Urbanism | doc. dr. Matevž Juvančič | 30 | | 30 | | 90 | 150 | 5 |
| 1.9 | Basics of Geoinformation Technology | izr. prof. dr. Blaž Repe | 15 | | 45 | | 90 | 150 | 5 |
| 1.10 | Urban Ecology | prof. dr. Katja Vintar Mally | 30 | 15 | | | 75 | 120 | 4 |
| 1.11 | Representation Techniques 2 | izr. prof. dr. Tomaž Novljan | | | 30 | 15 | 45 | 90 | 3 |
| 2.12 | Introduction to Art Theory | izr. prof. Jaka Bonča | 15 | | 30 | 15 | 90 | 150 | 5 |
| 1.13 | Urban Design Studio 1 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. dr. Matevž Juvančič doc. Primož Hočevnar | | | 90 | 45 | 105 | 240 | 8 |
| Total | | | 90 | 15 | 225 | 75 | 495 | 900 | 30 |
| Percentage | | | 10 | 2 | 25 | 8 | 55 | 100 | |

Year 2, 3rd semester

Contact hours

| Subj. no. | Subject | Lecturer | Contact hours | | | | | Total hours | ects |
|------------|--|---|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | Indep. work of student | | |
| 2.1 | History and Theory of Urbanism | izr. prof. dr. Ilka Čerpes | 30 | | 30 | | 90 | 150 | 5 |
| 2.2 | Project Management and Control in Urbanism | doc. dr. Matej Nikšič | 30 | | 15 | 15 | 60 | 120 | 4 |
| 2.3 | Urban Sociology | izr. prof. dr. Marjan Hočevar | 30 | | | | 60 | 90 | 3 |
| 2.4 | Legal Foundations of Spatial Planning | izr. prof. dr. Senko Pličanič | 15 | 30 | | | 75 | 120 | 4 |
| 2.6 | Representation Techniques 3 | prof. Janez Koželj | 15 | | 30 | | 45 | 90 | 3 |
| 2.7 | Structure and Technology | doc. dr. Tomaž Slak | 30 | | 15 | 15 | 60 | 120 | 4 |
| 2.8 | Urban Design Studio 2 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. dr. Matevž Juvančič doc. Primož Hočevar | | | 45 | 45 | 120 | 210 | 7 |
| Total | | | 150 | 30 | 135 | 75 | 510 | 900 | 30 |
| Percentage | | | 17 | 3 | 15 | 8 | 57 | 100 | |

Year 2, 4th semester

| Subj. no. | Subject | Lecturer | Contact hours | | | | | Total hours | ects |
|------------|--|---|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | Indep. work of student | | |
| 2.5 | Municipal Infrastructure | doc. dr. Daniel Kozelj | 30 | | 30 | | 60 | 120 | 4 |
| 2.9 | Traffic Planning Infrastructure system | izr. prof. dr. Marjan Žura doc. dr. Peter Lipar | 15 | | 30 | | 45 | 90 | 3 |
| 2.10 | Urban Design | izr. prof. mag. Polona Filipič Gorenšek | 30 | | 30 | | 90 | 150 | 5 |
| 2.11 | Practice Study | Coordinator doc. dr. Matevž Juvančič Coordinator doc. Primož Hočevar | | | 30 | 30 | 60 | 120 | 4 |
| 2.12 | Elective subject | See table Elective Subjects A1 | 30 | | 30 | | 90 | 150 | 5 |
| 2.8 | Urban Design Studio 2 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. dr. Matevž Juvančič doc. Primož Hočevar | | | 60 | 60 | 150 | 270 | 9 |
| Total | | | 105 | | 210 | 90 | 495 | 900 | 30 |
| Percentage | | | 12 | | 23 | 10 | 55 | 100 | |

Year 3, 5th semester

| Subj. no. | Subject | Lecturer | Contact hours | | | | | Total hours | ects |
|------------|------------------------------------|--|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | Indep. work of student | | |
| 3.1 | Urban and Architectural Renovation | izr. prof. dr. Sonja Ifko | 15 | | 15 | 15 | 75 | 120 | 4 |
| 3.2 | Urban Design Studio 3 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek, doc. dr. Matevž Juvančič doc. Primož Hočevar | | | 30 | 30 | 60 | 120 | 4 |
| 3.3 | Rural Planning | prof. dr. Alenka Fikfak | 30 | | 15 | 15 | 90 | 150 | 5 |
| 3.4 | Regional Planning | doc. dr. Alma Zavodnik Lamovšek | 30 | | 15 | 15 | 90 | 150 | 5 |
| 3.5 | Spatial Economics and Management | doc. Primož Hočevar | 15 | | 15 | | 60 | 90 | 3 |
| 3.6 | Introduction to Diploma Thesis | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek doc. dr. Matevž Juvančič doc. Primož Hočevar | | 15 | | 15 | 90 | 120 | 4 |
| 3.7 | Elective subject | See table Elective Subjects A2 | 30 | | 30 | | 90 | 150 | 5 |
| Total | | | 120 | 15 | 120 | 90 | 555 | 900 | 30 |
| Percentage | | | 13 | 2 | 13 | 10 | 62 | 100 | |

Year 3, 6th semester

| Subj. no. | Subject | Lecturer | Contact hours | | | | Indep. work of student | Total hours | ects |
|------------|--------------------------------------|--|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | | | |
| 3.8 | Urban Planning | izr. prof. dr. Ilka Čerpes | 30 | | 30 | | 90 | 150 | 5 |
| 3.9 | Economics of the Housing Market | prof. dr. Andreja Cirman | 15 | | 15 | | 60 | 90 | 3 |
| 3.2 | Urban Design Studio 3 | prof. dr. Alenka Fikfak izr. prof. dr. Ilka Čerpes izr. prof. mag. Polona Filipič Gorenšek, doc. dr. Matevž Juvančič doc. Primož Hočevar | | | 45 | 45 | 120 | 210 | 7 |
| 3.10 | UL elective Subject | | 30 | 30 | | | 90 | 150 | 5 |
| 3.11 | UL elective Subject | | 30 | 30 | | | 90 | 150 | 5 |
| 3.12 | 1 st Cycle Diploma Thesis | See Note 1 | | | | 60 | 90 | 150 | 5 |
| Total | | | 105 | 60 | 90 | 105 | 540 | 900 | 30 |
| Percentage | | | 12 | 7 | 10 | 12 | 60 | 100 | |

Year 2 – Elective Subjects

| Subj. no. | Subject | Lecturer | Contact hours | | | | Indep. work of student | Total hours | ects |
|-----------|-----------------------------------|--|---------------|---------|-----------|---------------------|------------------------|-------------|------|
| | | | Lectures | Seminar | Tutorials | Other for. of study | | | |
| A1.1 | Architectural Design | prof. mag. Tadej Glažar prof. Maruša Zorec | 15 | | 30 | 15 | 90 | 150 | 5 |
| A1.2 | Materials and Forms | doc. Rok Žnidaršič | 30 | | 30 | | 90 | 150 | 5 |
| A1.3 | Architectural Theory and Critique | prof. ddr. Petra Čeferin | 15 | | 15 | | 60 | 90 | 3 |
| A1.4 | General Safety | doc. dr. Domen Kušar | 15 | | 15 | | 60 | 90 | 3 |
| A1.7 | Architectural Workshop | See Note 3 | | | | 30 | 30 | 60 | 2 |
| A1.5 | Urban Design Workshop 1 | prof. dr. Alenka Fikfak, izr. prof. dr. Ilka Čerpes, Izr. prof. dr. Lucija Ažman Momirski, izr. prof. mag. Polona Filipič Gorenšek, izr. prof. dr. Sonja Ifko, prof. mag. Tadej Glažar, prof. dr. Tadeja Zupančič, doc. Primož Hočevar, doc. dr. Matevž Juvančič, doc. Aleksander Ostan | 15 | | 30 | 15 | 90 | 150 | 5 |

Year 2 or 3 – Elective Subjects

| Subj. no. | Subject | Lecturer | Contact hours | | | | Total hours | ects | |
|-----------|---------------------------------|--------------------------|---------------|---------|-----------|---------------------|-------------|------|---|
| | | | Lectures | Seminar | Tutorials | Other for. of study | | | |
| A1.6 | Internation Urbanism Week | doc. Primož Hočevar | 15 | | 30 | 15 | 90 | 150 | 5 |
| A2.4 | | doc. dr. Matevž Juvančič | | | | | | | |
| A1.8 | Theory and Practice of Urbanity | prof. mag. Tadej Glažar | 15 | | 30 | 15 | 90 | 150 | 5 |
| A2.5 | | | | | | | | | |

Year 3 – Elective Subjects

| Subj. no. | Subject | Lecturer | Contact hours | | | | Total hours | ects | |
|-----------|-------------------------|--|---------------|---------|-----------|---------------------|-------------|------|---|
| | | | Lectures | Seminar | Tutorials | Other for. of study | | | |
| A2.1 | Urban Geography | prof. dr. Dejan Rebernik | 30 | 15 | 15 | | 90 | 150 | 5 |
| A2.2 | Urban Antropology | doc. dr. Gregor Čok | 30 | 15 | | 15 | 90 | 150 | 5 |
| A2.3 | Urban Design Workshop 2 | prof. dr. Alenka Fikfak, izr. prof. dr. Ilka Čerpes, izr. prof. dr. Lucija Ažman Momirski, izr. prof. mag. Polona Filipič Gorenšek, izr. prof. dr. Sonja Ifko, prof. mag. Tadej Glažar, prof. dr. Tadeja Zupančič, doc. Primož Hočevar, doc. dr. Matevž Juvančič, doc. Aleksander Ostan | 30 | | | 60 | 60 | 150 | 5 |

12 INFORMATION ON POSSIBLE SUBJECT SELECTION AND MOBILITY

Elective subjects are envisaged: in 4th, 5th and 6th semester. The student can transfer 30 credit points of the programme (semester of studies, regardless of mandatory of elective units) from any programme from the field of architecture – urbanism, if UL FA has a suitable agreement signed with the institution.

13 PRESENTATION OF INDIVIDUAL SUBJECTS

1.1 Mathematics 5 ects

izr. prof. dr. Jaka Smrekar

Acquaintance with some mathematical tools and concepts important for applications in architecture: vectors and analytic geometry in three dimensions, systems of linear equations, the concept of function as an expression of dependency, the derivative and extremal problems, the integral and its applications.

1.2 Descriptive Geometry 3 ects

doc. dr. Domen Kušar

The axiomatic of projective and descriptive geometry, projection principles, types of projections, basics of projective geometry: projectivity, perspective, affinity, collineation; planimetric and stereometric constructions, intersections, cross-sections, parallel projections, elevation projection, axonometric projections, central projection, shading.

1.3 Representation Techniques 1 4 ects

izr. prof. dr. Tomaž Novljan

A well-presented idea is the first prerequisite for its realisation. In this course, students are introduced to basic graphic techniques for expressing thoughts and ideas through drawing and spatial models. Sketch, drawing, and model, made with manual tools and digital tools, form the basic level of presentation. Line, plane, and volume, and their intermediate shapes and interrelations in abstract art space are the main themes of the course in the winter semester.

1.4 Introduction to History of Architecture and Arts 5 ects

doc. dr. Nika Grabar

doc. dr. Miloš Kosec

The course provides basic information on architectural history and theory, as well as links between architecture and other artistic and humanistic disciplines. The course combines chronological overview of history of architecture and art with introduction to basic methods and approaches to critical architectural research: reading, observation, writing, drawing, discussion, etc.

1.5 Environmental Aspects of Sustainable Development 5 ects

doc. dr. Tjaša Pogačar

Areas of sustainable development. Micrometeorology, measurements, ecological problems and their possible solutions in urban centres. Values and trends of environmental indicators in Slovenia and its regions in recent decades. Sustainable urbanism in the modern world: concepts and interdisciplinary approaches, ecological, carbon and water footprint. Understanding the importance of the causes and consequences of global changes for urbanism through learning about the nine planetary boundaries. Urbanism and Climate Change: Causes, Trends, Scenarios, Consequences, Mitigation and Adaptation.

1.6 Basics of Geodesy and Cartography 4 ects

doc. dr. Dušan Petrovič

Learning the meaning and description of spatial information in general and in urban planning. Understanding the basics of data acquisition technologies with direct field measurements and remote data acquisition. Understanding the basics of cartography, the characteristics of maps and their use. Familiarisation with national topographic and cartographic products, geodetic records and field measurement procedures.

1.7 Open Space and Context 4 ects

doc. Aleksander Ostan

Definition of the basic concepts, starting points and purposes of the course. Open space in the context of the natural, cultural and urban landscape. Ways of reading open space in different temporal and spatial contexts. Understanding the role of open space in the past and today. The specificities of open spaces in relation to regional contexts and the typology of landscapes in Slovenia. Specificities in relation to urban landscapes and open spaces within them.

1.8 Basics of Urbanism 5 ects

doc. dr. Matevž Juvančič

Understanding of urban-settlement space and gaining knowledge about the planning processes in current conditions of sustainable design of urban spaces and town districts. Studying the interdependence of material culture of the environment and society in time and space, with an empirical emphasis on the micro level, and through verification with abstract and deductive samples. The methodology of objective and subjective assessment of the state in the settlement on both qualitative and quantitative level, with proposals for concrete measures by taking into account the expert provisions and composition principles of stacking of individual parts in ambient units.

1.9 Basics of Geoinformation Technology 5 ects izr. prof. dr. Blaž Repe

Learning the fundamental chapters of geoinformatics and geographic information systems. Spatial databases (sources and different databases, metadata, quality, structure and datasets, querying, georeferencing, topology, GIS and CAD). Basic data analysis and modelling (transformations, overlays, distance, densities). Basics of digital thematic cartography and 3D visualisation. Lidar technology (displays and analyses). Practical knowledge of geoinformation technology and basic spatial problem solving using established tools (ESRI, QGIS).

1.10. Urban Ecology 4 ects prof. dr. Katja Vintar Mally

To become familiar with the basic characteristics of the anthropogenically highly modified urban ecosystem and the main sustainably designed trends and measures necessary to adapt urban material activities to the specific urban environmental limitations. The course provides the ability to assess the weight of urban environmental problems, simulate the expected environmental impacts of urban development, and recognise the importance of sustainable urban development.

1.11 Introduction to Art Theory 5 ects izr. prof. Jaka Bonča

Arts and visual arts, visual arts as form of communication; expressive elements of visual arts and mutual relations. Morphology of visual arts: art variables; relation between form and content. Art composition: measure, scale, module, ratio, proportion; organisation of artistic space, system of relations, intervals, proportions and relations, standard elements, creation, and measurement system.

1.12 Representation Techniques 2 3 ects izr. prof. dr. Tomaž Novljan

The basic art level of presentation techniques is upgraded in the summer semester by adding concepts such as light and shadow, structure, texture, and colour, as well as concrete examples of graphic design practice methodology, both in manual and digital techniques. The basics of photography and audio/video tools round off the final part of the semester. The technical and visual features of the urban project are constantly intertwined and complemented, simulating the impression of the future built space through the use of different techniques of line, plane, and appropriate projection, in a reduced scale.

1.13 Urban Design Studio 1 8 ects prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

doc. dr. Matevž Juvančič

izr. prof. dr. Polona Filipič Gorenšek

doc. Primož Hočevar

Faced with a concrete problem, the student deals with urban projects, analytical data processing and presentation on a designated urban model. The subject is adapted to the challenges from practical work and includes forms of urban space, which is the consequence of actual dynamics of the society. While working on the project, the student learns to recognise and implement the essential operative instruments in the process of development strategy of the designated urban model. The project is introduced on the scale of the selected building complex.

2.1 History and Theory of Urbanism 5 ects izr. prof. dr. Ilka Čerpes

History as dialectics of cyclic traversing from progressive to cultural to naturalist models of urbanism (according to Françoise Choay), in the context of development and co-effects of social, economic and technological conditions; in parallel, an overview of technological, sociological and biological city system; in parallel, a development of theories and planning methods, and parallel, an overview of the forms of physical structures of cities: strip, net, star.

2.2 Project Management and Control in Urbanism 4 ects doc. dr. Matej Nikšič

Defining project management as a process. Learning the basics of individual phases: defining the project, organisation of the project, performing and completing the project and monitoring (wholesome control of changes). An overview of important tools for control and urban design quality stimulation (quantitative and qualitative standards and criteria) and their use in project engineering practice. A display of examples of good practice: holistic approach to city arrangement (planning processes of successful European cities, formal and informal planning documentation); managing processes of urban regeneration (selection of successful examples from Central and Western Europe); managing preparations and realisation of spatial documentation: innovative approach (selection of examples from Slovenia and abroad).

2.3 Urban Sociology 3 ects izr. prof. dr. Marjan Hočevar

Social character, meaning and function of space; origins and reasons for occurrence of spatial sociology; location and accessibility in space; public perception of spatial phenomena; development of information and communication technologies and their impact on space; urban culture; sociological approaches to urban planning.

2.4 Legal Foundations of Spatial Planning 4 ects izr. prof. dr. Senko Pližanič

Students learn about the foundations of government system, law and spatial management legislation. Introduction: the foundations of the state legislation of the Republic of Slovenia; structure of law and legal resources; the foundations of material and process administrative law. Space arrangement legislation: space and the environment; basic legal framework of spatial management; spatial planning; spatial measures; spatial development (building the structure).

2.5 Municipal Infrastructure 4 ects

doc. dr. Daniel Kozelj

The importance and role of infrastructure systems for guaranteeing material goods and connecting individual spatial units into a unified city organism. Municipal utility services and municipal infrastructure. Technical and technological characteristics of infrastructure networks, buildings and instruments. Infrastructure systems in strategic and implementing spatial acts. Design and location of boundary conditions. Equipment of land for building: technical, spatial, and financial aspect. Building permit and municipal infrastructure.

2.6 Representation Techniques 3 3 ects

prof. Janez Koželj

The learning content of the course belongs to spatial informatics, which introduces students to the presentation and interpretation of spatial data in the development and communication of spatial concepts with the help of diagrams and models. For the introduction, students will test their abstract thinking skills by searching patterns in the mapped data with visual interpretations in the graphic language of diagrams. The basic goal of the course is to teach students how to use the computer instead of drawing for more advanced functions, such as creating and testing spatial forms with parametric objects and procedural 3D modelling. Lectures and tutorials introduce students to the use of digital tools and methods of urban planning and design, which are data-driven and evidence-based. Students will learn how to use the computer to convert different spatial data to useful information.

2.7 Structure and Technology 4 ects

doc. dr. Tomaž Slak

Basic building elements in architecture, which include constructions (foundations, walls, panels, roofing, stairs, columns, beams), wraps and building envelope elements (facade, roof, contact with the floor and terrain, joinery, pavements, insulation), and other systems in architecture (installations, sewage system) in conjunction with the relevant materials, and applicable to the installation method and importance in the context of architectural works as a whole. Getting to know the relations between material, function, stability and economy in every architectural element in the building, and preparation of a technical plan of a simple building.

2.8 Urban Design Studio 2 16 ects

prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

doc. dr. Matevž Juvančič

izr. prof. dr. Polona Filipič Gorenšek

doc. Primož Hočevar

Faced with a concrete problem, the student deals with urban projects, analytical data processing and presentation on a designated urban model. The subject is adapted to the challenges from practical work and includes forms of urban space, which is the consequence of actual dynamics of the society. While working on the project, the student learns to recognise and implement the essential operative instruments in the process of development strategy of the designated urban model. The project on the scale of selected town area is implemented.

2.9 Traffic Planning Infrastructure System 3 ects

izr. prof. dr. Marijan Žura

doc. dr. Peter Lipar

Students get to know different ways and forms of planning of transport networks and roads. With an emphasis on sustainable mobility, they acquire basic guidelines for their implementation and ideas about the connection between urban and traffic planning. With the help of learning about the basic elements of a sustainable transport policy, in the exercises, they independently set up the essential elements that are necessary for the correct planning of transport networks, roads and traffic.

2.10 Urban Design 5 ects

izr. prof. mag. Polona Filipič Gorenšek

Getting to know the theoretical background and operational tools for research and interpretation of various urban situations in the context of a compact and dispersed modern city. Introduction of methods and techniques of interpretation of spatial data in the process of searching and verifying the ideas about transformation of various urban situations. The use of analytical results with an emphasis on interpretation of data, identifying and solving problems, as well as critical analysis and synthesis, with reflection and evaluation of congruence between theory and practice.

2.11 Practice Study 4 ects

doc. dr. Matevž Juvančič

doc. Primož Hočevar

A two-week study practice at the municipal department of environment and space or similar institutions registered for performing urbanist services is an addition to the project work, which is part of Project Design Studio 1 and 2. The objective of the study practice is training to connect the study subjects from the faculty with a professional practice taking place at a partner organisation. The student will learn about real urbanistic practices and will train for team work.

3.1 Urban and Architectural Renovation 4 ects izr. prof. dr. Sonja Ifko

The principles of heritage protection, protection approaches and methods in the scope of landscape, urban and architectural planning. Learning about the work in the field of preserving spatial identity as the fundamental quality of living. The 15 objective of the subject is to understand heritage through all the layers of its incidence – as culturally preserving, spatial, developmental, economic and social category of space, and include it appropriately into spatial development.

3.2 Urban Design Studio 3 11 ects prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

doc. dr. Matevž Juvančič

izr. prof. dr. Polona Filipič Gorenšek

doc. Primož Hočevar

Faced with a concrete problem, the student deals with urban projects, analytical data processing and presentation on a designated urban model. The subject is adapted to the challenges from practical work and includes forms of urban space, which is the consequence of actual dynamics of the society. While working on the project, the student learns to recognise and implement the essential operative instruments in the process of development strategy of the designated urban model. The project within the scale of the selected community/city is introduced.

3.3 Rural Planning 5 ects prof. dr. Alenka Fikfak

Theoretic and historic starting points for comprehension of the transformation processes in the rural area. The foundations and methodological basics for sustainable management and development of rural areas and settlements regarding their agricultural or urban function. When planning and managing settlement patterns (settlements and other built structures) in rural area, their participation in the landscape and the relationship to the agricultural space is important. Rural culture and identity; the genesis of the rural area with a focus on the development of agriculture as a forming element of traditional rural cultural landscape; renovation and development of rural settlements; modern forms of spatial development of the rural area; traditional rural architecture and the forms of its renovation

3.4 Regional Planning 5 ects doc. dr. Alma Zavodnik Lamovšek

Getting to know different approaches to dealing with regions and different methods of regionalisation. Studying of fundamental contents, which are necessary for understanding of methodological approaches and methods of spatial planning on a regional level, by taking into account different levels of accuracy of processing of an individual problem in the region with respect to the size of the area and the measure of processing. Training students to understand and use an integrated regional planning approach and to work independently in regional spatial planning projects.

3.5 Spatial Economics and Management 3 ects doc. Primož Hočevar

The student learns about the theory of spatial economics, with strategic management of cities and local communities. The focus is on the selection of practical topics and the solutions, which are useful for solving spatial and economic–development problems in Slovenia. The subject is intended for analysis of economic institutions, management models and strategic practices, through which we can manage and guide various economic influences on space.

3.6 Introduction to Diploma Thesis 4 ects prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

doc. dr. Matevž Juvančič

izr. prof. dr. Polona Filipič Gorenšek

doc. Primož Hočevar

An introduction to Diploma thesis course familiarises students with fundamental methodological research-analytical and design-planning approaches to synthesis of chosen theme or problematics in combination with applicative planning task from urban planning. Students come to understand how to develop starting points, aims, structure and level of Diploma thesis. It helps with analytical-research related tool palette and presentation techniques and approaches, skills, widening of professional vocabulary and competent professional expression. It deepens the knowledge of linking and translating of fundamental theoretical frameworks into applicative and development projects. It helps develop the theme, structure and scope of the thesis in the field of urban planning.

3.8 Urban Planning 5 ects izr. prof. dr. Ilka Čerpes

Discussion of integrated process of urban planning (terminological definitions, characteristics of contemporary urban space, social role of architects, goals, values). Testing of space reading methods and strategic allocation of uses, activity organisation, network regulation, and morphological patterns of physical structures on actual example of city area.

3.9 Economics of Housing Market 3 ects prof. dr. Andreja Cirman

In this course, the student will learn about market forces in the real estate market and the specifics of the housing market. The student will gain insight into the logic of residential real estate value formation, financing and investment in the real estate market, and the levers through which housing and tax policy can influence market outcomes in the housing market. The goal of the course is to provide students with competences to perform interdisciplinary tasks in the real estate market.

3.12 1st Cycle Diploma Thesis 5 ects prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

doc. dr. Matevž Juvančič

izr. prof. dr. Polona Filipič Gorenšek

doc. Primož Hočevar

Diploma Thesis continues preparatory work of Introduction to Diploma Thesis and completes into complex graduation thesis of applicative nature in spatial planning that offers complex solutions to the theme/task at hand, based on knowledge acquired during the studies by meeting regular study obligations and working professionally.

Elective subjects

A.1.1 Architectural Design 5 ects

prof. Maruša Zorec
prof. mag. Tadej Glažar

Basics of architectural design. Architecture as idea, theory, and materialisation. Properties of spaces and buildings: dimension, shape, size, position. Human beings as standard and criterion. Nature and architecture; abstraction, context, and concept. Elements of architecture, composition, light, and structure. Typologies, materials, and principles of sustainable design.

A.1.2 Materials and Forms 5 ects

doc. Rok Žnidaršič

Materialisation of architectural vision. Familiarisation with and understanding of dependence between properties of materials, building technology, theoretical principles, and architectural design. Examination of issues through analysis of selected cases of historical, vernacular, and contemporary architecture, as well as practical tests of design and construction of spatial structures.

A.1.3 Architectural Theory and Critique 3 ects

prof. ddr. Petra Čeferin

The course introduces some important orientations and conceptual constructions in contemporary architectural theory and philosophy of architecture, which support, enable or in some other way influence the practice of architecture today. It focuses on current, topical questions and themes in the field of architecture and its role in contemporary society. The course is also structured as an introduction into critical evaluation and writing about architecture.

A.1.4 General Safety 3 ects

doc. dr. Domen Kušar

Systematic study of hazards in the built environment and possible urban planning, architectural, and technical safeguard measures; fire safety: minimum clearance between buildings, prevention of fire progression in the building, smoke and heat exhaust, conditions for safe evacuation and emergency response; safety at work, safety from contamination.

A.1.5 Urban Design Workshop 1 5 ects

doc. Aleksander Ostan
prof. dr. Alenka Fikfak
izr. prof. dr. Ilka Čerpes
izr. prof. dr. Lucija Ažman Momirski
doc. dr. Matevž Juvančič
izr. prof. mag. Polona Filipič Gorenšek
doc. Primož Hočevar
izr. prof. dr. Sonja Ifko
prof. mag. Tadej Glažar
prof. dr. Tadeja Zupančič

Intensive field work over several days, related to an actual urban design task or topic. The students, in small groups, develop a project under the supervision of a mentor, possibly in cooperation with the local community. The aim of the workshop is to combine different kinds of knowledge while solving an actual development problem, in cooperation with the local and wider professional communities. The forms of work include field work, guest lectures, analysis under mentor supervision, and evaluation of the data collected in the field, collection of materials from local communities' archives and information from lectures, development of a synthesis proposal, and presentation of results.

A.1.6 and A.2.4 International Urbanism Week 5 ects

doc. dr. Matevž Juvančič
doc. Primož Hočevar

The International week of urbanism takes the students to several days of intensive fieldwork in collaboration with international partners (experts, educators, researchers and students), where the participants examine pressing challenges in urbanism, urban design, planning and urban regeneration practices across Europe. European cities face a series of comparable economic, social and urban challenges that demand an interdisciplinary approach. The examples of our European partners will shed light on various issues that are encountered in urban renewal projects, such as potential conflicts between public and private interests, heritage preservation and innovation, health aspects, mobility and transport challenges, as well as internal and external social contributions.

A.1.7 Architectural Workshop 2 ects

doc. Aleksander Ostan

prof. dr. Alenka Fikfak, izr. prof. Alessio Princic, prof. dr. Aleš Vodopivec
prof. mag. Anja Planišček, doc. dr. Domen Zupančič, izr. prof. dr. Ilka Čerpes
izr. prof. Jaka Bonča, prof. Jurij Sadar, doc. Leon Belušič, doc. dr. Leon Debevec
izr. prof. dr. Ljubo Lah, izr. prof. dr. Lucija Ažman Momirski
prof. dr. Martina Zbašnik Senegačnik, prof. Maruša Zorec, prof. dr. Matej Blenkuš
doc. dr. Matevž Juvančič, prof. Mihael Dešman, doc. Mitja Zorc
doc. Mojca Gregorski, doc. dr. Or Ettlinger, doc. Paul O. Robinson
prof. ddr. Petra Čeferin, izr. prof. dr. Polona Filipič Gorenšek, doc. Primož Hočevar
doc. Rok Žnidaršič, izr. prof. dr. Sonja Ifko, doc. dr. Špela Hudnik
prof. mag. Tadej Glažar, prof. dr. Tadeja Zupančič, prof. mag. Tomaž Krušec
izr. prof. dr. Tomaž Novljan, doc. dr. Tomaž Slak, prof. Vaso Perović

This workshop is dedicated to architecture, urban planning, and design. It combines different types of expert knowledge, experiences, and visions, while developing expert personality through critical attitude towards expertise. The workshop provides opportunity for comparison of different work methodologies on applicative basis and their results with creative synthesis and specific comments of the supervisor, thus helping students develop their projects.

A.1.8 and A.2.5 Theory and Practice of Urbanity 5 ects

prof. mag. Tadej Glažar

This research-led workshop starts by introducing the idea(s) of urbanity and associated concepts, problematising their historic and socio-cultural roots and relevant theoretical foundations, in order to open discussion and to address the controversies associated with the use of those themes today, in the times which are profoundly imbued by unstoppable processes of globalisation. It invites critical thinking and brave search for ideas about better, positive futures of the Urban.

A.2.1 Urban Geography 5 ects

prof. dr. Dejan Rebernik

The student is acquainted with the subject of study and the content of urban geography. The student acquires knowledge of theoretical starting points and the methodology of geographical study into the space of a city. The student is trained to use the knowledge for the purposes of research and application. The student acquires knowledge to partake in urban and spatial planning, city administration, and the making of spatial analyses.

A.2.2 Urban Anthropology 5 ects

doc. dr. Gregor Čok

The course deals with the anthropological aspect in the process of spatial development planning. It defines the human factor in the development of elements of a productive living and working environment within the doctrine of sustainable planning. It justifies and explains the basic formal and informal approaches in the preparation of spatial implementation acts. It analyses the spatial and social context, the role and importance of individual stakeholders in the planning process: spatial planning authorities, investors, professions, the public, the media and decision makers.

A.2.5 Urban Design Workshop 2 5 ects

doc. Aleksander Ostan

prof. dr. Alenka Fikfak

izr. prof. dr. Ilka Čerpes

izr. prof. dr. Lucija Ažman Momirski

doc. dr. Matevž Juvančič

izr. prof. mag. Polona Filipič Gorenšek

doc. Primož Hočevar

izr. prof. dr. Sonja Ifko

prof. mag. Tadej Glažar

prof. dr. Tadeja Zupančič

Intensive field work over several days, related to an actual urban design task or topic. The students, in small groups, develop a project under the supervision of a mentor, possibly in cooperation with the local community. The aim of the workshop is to combine different kinds of knowledge while solving an actual development problem, in cooperation with the local and wider professional communities. The forms of work include field work, guest lectures, analysis under mentor supervision, and evaluation of the data collected in the field, collection of materials from local communities' archives and information from lectures, development of a synthesis proposal, and presentation of results.