



THE PROGRAM OF THE GRADUATE UNIVERSITY STUDY OF ARCHITECTURE AND URBAN PLANNING

The graduate study of Architecture and Urban Planning at the Faculty of Civil Engineering, Architecture and Geodesy lasts two academic years and is organised in four semesters.

The syllabus (curriculum) consists of compulsory, elective and extracurricular courses. It is aligned with European Credit Transfer and Accumulation System (ECTS) of the European Higher Education Area (EHEA) and students accumulate minimum of 60 ECTS each academic year. In order to obtain qualification (Master's degree) students have to accumulate minimum of 120 ECTS.

The learning outcomes are aligned with Directive 2013/55/EU of European Parliament and Council of 20 November 2013 amending Directive 2005/36/EC, Article 46, on the recognition of professional qualifications. A letter is attributed to each learning outcome (a label of the learning outcome, in the brackets at the end of the description of the learning outcome), which, according to Article 46 of said Directives, marks an individual unit of knowledge, skills and competences to be attained through theoretical and practical aspects of architectural education (in the period of at least five years of full-time study at the university). As regards FCEAG, students acquire knowledge, skills and competences prescribed in Article 46 of the Directives including the learning outcomes achieved at the undergraduate university study of Architecture and Urban Planning.

Upon completion students are awarded the academic title and corresponding qualification *magistar/magistra inženjer/inženjerka arhitekture i urbanizma* (Master of Science in Architecture and Urban Planning). Students may continue their studies at postgraduate university study in architecture and/or urban planning or similar engineering/artistic fields, or enter the labour market.



Syllabus

The table below shows information for the actual (spring) and the former (autumn) semester. Detail plans for specific semesters and academic years are published on the following Faculty's web site [link](#).

Teacher	Course	Related learning outcomes	Teaching and learning	Assessment	Code	Hours	ECTS
Semester I							
H. Njirić, N. Kezić	Graduate Design Studio 1	a, g	2, 3, 4	3	GAS711	30+90	15,0
H. Njirić	Contemporary Architecture 3	e	1	1, 2	GAT711	30+0	2,0
K. Marasović, S. Perojević	Protection and Restoration of Architectural Heritage Studio 1	b, e	1, 3, 4	1, 3	GAV711	30+30	5,0
S. Begović, A. Šverko	Research in Urban Planning	d, f	1, 3, 7	1, 3	GAU711	30+30	5,0
S. Knezić	Project Management	j, k	1, 3	1, 2	GAL711	30+15	3,0
Semester II							
T. Plejić, S. Begović	Graduate Design Studio 2	a, g	2, 3, 4	3	GAS712	30+90	15,0
D. Tušek	Contemporary Architecture 4	e	1	1, 2	GAT712	30+0	2,0
K. Marasović, S. Perojević	Protection and Restoration of Architectural Heritage Studio 2	b, e	1, 3, 4	1, 3	GAV712	30+30	5,0
D. Gabrić	Urban Design	f	1	3	GAU712	30+0	2,5
V. Srzić, M. Vranješ	Marine Structures and Ports	d	1, 4	1, 2	GAK711	30+0	2,5
N. Jajac	Construction Investments Planning	j, k	1, 3	1, 2	GAL712	30+15	3,0



Teacher	Course	Related learning outcomes	Teaching and learning	Assessment	Code	Hours	ECTS
Semester III							
A. Kuzmanić, S. Randić	Graduate Design Studio 3	a, g	2, 3, 4	3	GAS811	30+90	15,0
N. Kezić	Interior Design	a	1, 3	3	GAS812	30+30	5,0
R. Plejić, K. Šerman	Theory of Architecture	e	1	1, 2	GAT811	30+0	2,0
S. Golem	Urban Economy	f	1	2	GAU811	30+0	2,0
D. Jukić, H. Bartulović	Integrated Environmental Protection	d, k	1	1, 2	GAJ811	30+0	2,0
K. Marasović, S. Perojević	Protection and Restoration of Architectural Heritage Studio 3 (Elective course)	b, e	1, 3, 4	1, 3	GAV811	30+30	4,0
Semester IV							
	Master thesis	a	7	3	GAX911		30,0



Learning outcomes – Graduate University Study of Architecture and Urban Planning

Label	Units of learning outcomes
a	To create and independently manage an architectural design that satisfy both aesthetic and technical requirements (a).
b	To critically assess the history and theories of architecture and the related arts, technologies and human sciences (b).
d	To assess and integrate urban design and spatial planning as well as the skills involved in the planning process (d).
e	To validate and support with arguments the relationship between people and buildings, and between buildings and their environment, and to predict the need to relate buildings and the spaces between them to human needs and scale (e).
f	To assume accountability within the profession of architect and the role of the architect in society, in particular in preparing briefs that take account of social factors (f).
g	To critically assess and select the methods of investigation and preparation of the brief for a design project (g).
j	To innovatively combine the necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations (j).
k	To confirm the adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning (k).

Teaching and learning:

1. Lectures: a teacher teaches ex-cathedra or uses some forms of interactive lectures.
2. Theoretical exercises: teacher demonstrates to students how to solve standard mathematical, engineering or artistic tasks.
3. Practical exercises: students solve and prepare practical assignments under supervision of the teacher in standard or IT equipped classrooms.
4. Field exercises: students and teachers visit, or students perform small-scale practical work at historical buildings or areas, museums, construction sites, etc.
5. Lab exercises: the teacher demonstrates experiments/tasks to students, or students perform their own experiments/tasks in the laboratory under the supervision of teachers and/or technicians.
6. Internship: students perform practical work at architectural bureaux or construction sites during semester or summer vacations.
7. Independent research: theoretical or practical assignment under the supervision of a teacher.

Assessment:

1. Written exams: students solve tasks as the paperwork or by a computer in IT equipped classrooms. They may be preformed throughout the semester or during the examination period.
2. Oral exams: a teacher poses questions to students in a spoken form.
3. Presentation or defence of a practical, artistic or written assignment.