



Program Name: Urban Planning

Education Level: Master

Faculty: Business and Engineering

Academic Degree/Qualification: Master of Architecture

Qualification Code (specifying the detailed field): 0731 - Architecture and Urban Planning

Language of Instruction: Georgian

Programme Volume in Credits: 120 ECTS

The Master's Educational Programme in Urban Planning comprises 120 ECTS credits, distributed as 60 ECTS credits per academic year and 30 ECTS credits per semester. One ECTS credit corresponds to 25 hours of student workload (the workload associated with each course is specified in the respective course syllabi). Accordingly, the standard duration of the programme is two academic years (four semesters).

Depending on the student's individual study plan, the annual credit load may be lower or higher than 60 ECTS credits, but shall not exceed 75 ECTS credits per academic year.

Of the total 120 ECTS credits of the Master's Educational Programme in Urban Planning, 54 ECTS credits are allocated to compulsory courses, 24 ECTS credits to elective courses, 12 ECTS credits to a practice-oriented component aimed at the development of practical skills and competencies, and 30 ECTS credits to the preparation and defence of the Master's thesis.

Programme Qualification Description

a) Programme Objectives:

1. To provide students with advanced knowledge of theories, methodological frameworks, and normative systems in architecture and urban planning, and to develop their ability to apply such knowledge in the processes of urban space analysis and design.
2. To develop students' ability to conduct research-based architectural and urban analysis and to formulate context-oriented design solutions grounded in multifactorial data and spatial research.
3. To prepare a competitive architect capable of identifying, analysing, and researching urban challenges, making effective decisions, and planning and managing urban projects in accordance with professional standards as well as local and international requirements.

b) Admission Requirements:

Admission to the Master's Educational Programme in Urban Planning is open to holders of a Bachelor's degree in Architecture, with a mandatory requirement of English language proficiency at the B2 level. Admission is based on the results of the Unified Master's Examination and an internal university examination consisting of a time-constrained design assignment (clausura).

The internal university examination is intended to assess the applicant's general level of knowledge in the selected field of study.

The assessment criteria for the internal university examination (clausura) will be published on the University's website at least one month prior to the commencement of the examinations (<http://eeu.edu.ge>).

Admission to the Master's Educational Programme in Urban Planning through mobility is possible twice per academic year, within the timeframes established by the Ministry of Education and Science of Georgia, in compliance with mandatory procedures and the regulations established by the University.

Admission or transfer to the Master's Educational Programme in Urban Planning from a recognised foreign higher education institution shall be carried out on the basis of a decision of the Ministry of Education and Science of Georgia.

c) Learning Outcomes:

Upon completion of the Master's Educational Programme in Urban Planning, graduates will possess the following field-specific and generic (transferable) competencies:

Knowledge and Understanding – The student:	1. Systematically explains theories, models, and methodological research frameworks of architectural planning and describes the specific features of their application in different urban contexts. 2. Comprehensively explains the role of urban planning regulations and regulatory instruments in architectural and urban planning processes and distinguishes their areas of application across different scales. 3. Describes the functional and spatial organisation of urban systems (transport, infrastructure, and landscape systems) within the contemporary city. 4. Identifies the ecological, technical, and social methods and tools required for the development of sustainable architecture and urban environments.
Skills – The student:	5. Analyses architectural and urban spaces through the application of multifactorial data, spatial and research methods, and identifies urban and architectural challenges. 6. Develops context-based architectural and urban planning solutions at different scales through the integration of research findings. 7. Applies normative, technical, analytical, and research instruments in the planning and management processes of architectural and urban projects. 8. Conducts research; collects, processes, and interprets data; evaluates alternative architectural and urban scenarios; and makes evidence-based decisions.
Responsibility and Autonomy – The student:	9. Independently plans architectural and urban projects and research processes within complex and unpredictable environments. 10. Takes responsibility for professional decisions made, including those related to the quality of the architectural and urban environment, the protection of cultural heritage, and ecological balance, and prepares a research paper in

	accordance with academic standards.
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d) Methods and Forms of Achieving Learning Outcomes:

Depending on the specific nature of each course, the teaching and learning process applies methods such as verbal/oral instruction, working with written materials, graphic work, demonstration, discussion/debate, group/collaborative work, case study analysis, explanatory instruction, action-oriented learning, practical methods, and other relevant approaches.

In the teaching and learning process, these methods complement and transition into one another. The academic and invited staff involved in programme delivery may apply one or several of the above-mentioned methods, or any other method, depending on the specific learning task. The teaching and learning methods for each course are specified in the respective course syllabus.

Learning methods include delivering lectures and explaining assignments on a given topic, searching for and analysing existing materials, visiting and researching the study area, interactive activities, working on sketches and discussing them both individually and in groups, completing, reviewing, and assessing clausura assignments, classroom discussion, approval of sketches, preparation of a creative project, presentation, and self-assessment.

e) Student Assessment System:

The acquisition of the educational components envisaged within the Master's Educational Programme in Urban Planning requires students' active participation in the learning process and is based on the principle of continuous assessment of acquired knowledge.

Within the implementation of the Master's Educational Programme in Urban Planning, the assessment of the level of achievement of student learning outcomes is carried out in accordance with the assessment system approved by Order No. 3 of the Minister of Education and Science of Georgia of 5 January 2007 on the "Rules for Calculating Credits of Higher Educational Programmes."

The assessment of the level of achievement of student learning outcomes within the educational component of the Master's Educational Programme in Urban Planning includes interim assessment (single or multiple) and final assessment, the aggregate of which constitutes the final grade (100 points).

Interim and final assessments (assessment components) include assessment methods, namely the tools and means used to evaluate the achievement of learning outcomes (oral/written examination or questioning, project, test, essay, demonstration, presentation, discussion, completion of practical/theoretical assignments, group work, participation in discussions, and others). The measurement unit of an assessment method is the assessment criterion, which determines the level of achievement of learning outcomes.

Each assessment component is assigned a quantitative value within the total assessment score (100 points) (expressed in percentages or points) contributing to the final grade, which is reflected in the syllabus of the respective course and communicated to students at the beginning of the academic semester.

A minimum competency threshold is established for each assessment component. The proportional share of the minimum competency threshold for the final assessment shall not exceed 60% of the final assessment score. Within the implementation of the Master's Educational Programme in Urban Planning, the minimum competency thresholds for interim and final assessments are reflected in the syllabus of the respective course and communicated to students at the beginning of the academic semester.

The awarding of credits based solely on one assessment component (either interim or final assessment) is not permitted. A student is awarded credit upon surpassing the minimum competency thresholds established for each assessment component and receiving one of the positive grades.

The assessment of the achievement of learning outcomes for the educational components of the programme is completed within the same semester in which the component is delivered. The assessment system for the educational components of the programme permits:

Five types of positive evaluation:

- (A) Excellent – 91-100 points;
- (B) Very good – 81-90 points;
- (C) Good – 71-80 points;
- (D) Satisfactory – 61-70 points;
- (E) Sufficient – 51-60 points.

Two types of negative evaluation:

- (FX) Failed – 41-50 points. This indicates that the student requires further effort to achieve a passing grade and is permitted to undertake one additional examination accompanied by independent study;
- (F) Failed – 40 points or less. This signifies that the student's performance is inadequate, necessitating a comprehensive review of the course material.

In the case of receiving an **FX** grade in an educational component of the programme, a supplementary examination shall be scheduled no earlier than **5 calendar days** after the announcement of the final examination results. The grade obtained by the student in the supplementary examination shall not be added to the score received in the final assessment. The grade obtained in the supplementary examination shall constitute the final assessment and shall be reflected in the final grade of the respective educational component of the programme.

The research component (Master's thesis) of the Master's Educational Programme in Urban Planning shall be assessed in the same or the subsequent semester in which the student completes work on it.

The research component (Master's thesis) of the Master's Educational Programme in Urban Planning shall be assessed as a whole through a single final assessment, which includes both the evaluation of the substantive content of the Master's thesis by the persons defined under the East European University Regulation on the "Planning, Implementation and Assessment of the Research Component of Master's Educational Programmes of the Faculty of Business and Engineering" and the assessment received during the thesis defence.

The assessment system for the research component (Master's thesis) of the Master's Educational Programme in Urban Planning permits:

Five types of positive evaluation:

- (A) Excellent – 91-100 points;
- (B) Very good – 81-90 points;
- (C) Good – 71-80 points;
- (D) Satisfactory – 61-70 points;
- (E) Sufficient – 51-60 points.

Two types of negative evaluation:

- (FX) Failed – 41-50 points. This indicates that the student requires further effort to achieve a passing grade and is permitted to undertake one additional examination accompanied by independent study;
- (F) Failed – 40 points or less. This signifies that the student's performance is inadequate, necessitating a comprehensive review of the course material.

f) Employment Areas:

The holder of a Master's degree in Architecture is qualified to engage in advanced professional practice in the field of architecture and to pursue further scientific research. Accordingly, graduates of the Master's Educational Programme in Urban Planning are eligible to work in positions requiring a Master's degree in Architecture, provided that such positions do not require the successful completion of a state certification examination and/or additional prerequisites established under the legislation of Georgia.

- Research institutions;
- Municipal urban services;
- Local self-government bodies (permitting, regulatory, and supervisory authorities);
- Architectural design and studio practices;
- Architectural, construction, and real estate development companies;
- Institutions and foundations for the protection of historical and cultural heritage;
- Mass media organisations and advertising companies;
- Higher education institutions and specialised schools.

g) Further Study Opportunities:

Graduates of the Master's programme are entitled to continue their studies at higher education institutions in Georgia or abroad through doctoral programmes in the field of Architecture, oriented towards the preparation of researchers at an advanced level.

h) Programme Material and Technical Resources:

To achieve the learning outcomes envisaged by the Master's Educational Programme in Urban Planning, the University's infrastructure and material and technical resources, accessible to students without restriction, are utilised, including in particular:

1. Adequately equipped classrooms and working offices for academic and administrative staff;
2. A conference hall;
3. An architectural research and design bureau;

4. A library equipped with computer facilities and information and communication technologies, providing access to relevant printed and electronic literature specified in the programme syllabi;
5. Three computer resource centres equipped with computer facilities connected to the internet and internal network, as well as computer software adequate for the teaching and learning process;
6. Various technical equipment and facilities, etc.

The programme is supported by the University Library, which houses an up-to-date collection of modern Georgian-language and foreign-language publications. The library collection includes the compulsory literature specified in the syllabi, lecture courses, readers, and other learning materials, including materials available in electronic format. The collection is supplemented and updated annually with the core and supplementary textbooks specified in the course syllabi, as well as with other relevant literature.

Students have access to up-to-date scientific periodicals in both electronic and printed formats, as well as to international electronic library databases, including Cambridge Journals Online, Edward Elgar Publishing journals and development studies eBooks, and HeinOnline.

For the implementation of the practical component, the University has concluded memoranda of cooperation with architectural, construction, and real estate development companies, where students will have the opportunity to develop practical skills. The University has also concluded memoranda of cooperation with public institutions, where students will likewise have the opportunity to develop practical skills.

i) Human Resources of the Programme

The programme is delivered by the University's academic staff and invited specialists with relevant qualifications. They possess the competencies necessary to support the achievement of the learning outcomes of the Master's Programme in Architecture, as well as professional experience aligned with the programme profile, academic qualifications, and experience in teaching and research.

Additional information regarding the programme's human resources can be found in the course syllabi.

Programme Leader: Merab Bolkvadze – Professor, Doctor of Architecture

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Study Plan of the Master's Educational Programme in Urban Planning

N	Code	Course Name	Status	Prerequisites	Credit/Hour	Contact/ Independent Hours	Lecture/ Seminar	I Sem.	II Sem.	III Sem.	IV Sem
								24	18	18	30
	Compulsory Study Courses – 54 ECTS Credits										
1	ARCH MA01	Transport and Society in Architecture	Compulsory	N/A	6/150	48/102	15/27	√			
2	ARCH MA02	Theory and Methodology of Urban Planning Design	Compulsory	N/A	6/150	48/102	15/27	√			
3	ARCH MA03	Formation of Urban Planning Structure and Development / Conversion of Industrial Areas	Compulsory	N/A	6/150	48/102	15/27	√			
4	ARCH MA04	Building Safety and Accessibility	Compulsory	N/A	6/150	48/102	18/24	√			
5	ARCH MA05	Ecological Architecture	Compulsory	N/A	6/150	48/102	19/23		√		
6	ARCH MA06	Landscape and Recreational Spaces	Compulsory	N/A	6/150	48/102	16/26		√		
7	ARCH MA07	Urban Design (Small Town)	Compulsory	ARCH MA02	6/150	48/102	10/32		√		
8	ARCH MA08	Urban Design (City Centre)	Compulsory	ARCH MA07	6/150	48/102	10/28			√	
9	ARCH MA09	Research Methods in Architecture	Compulsory	N/A	6/150	48/102	14/28			√	

10	ARCH MA10	Professional Practice	Compulsory	ARCH MA01 ARCH MA02 ARCH MA03 ARCH MA04 ARCH MA05 ARCH MA06 ARCH MA07 ARCH MA08 ARCH MA09	12/300	19/281	0/16			√	
11	ARCH MA11	Master's Thesis	Compulsory	ARCH MA10	30/750	30/720	0/30				√
	Elective Study Courses - 24										
								6	12	6	
12	ARCH MA12	Architectural Design in CAD Systems	Elective	N/A	6/150	45/105	0/39	√			
13	ARCH MA13	Geographic Information Systems in Urban Planning (GIS)	Elective	ARCH MA12	6/150	45/105	0/39			√	
14	ARCH MA14	Formation of the Residential Environment in New Urban Districts	Elective	N/A	6/150	43/107	0/37	√			
15	ARCH MA15	Architectural Sketching (Sketch)	Elective	N/A	6/150	48/102	0/42	√			
16	ARCH MA16	Environmental Design and Control	Elective	N/A	6/150	48/102	15/27		√		
17	ARCH MA17	Architectural and Urban Reconstruction, Regeneration, and Adaptation	Elective	ARCH MA02	6/150	45/105	12/27			√	
18	ARCH MA18	Socio-Economic Theory and Analysis of Urban Development	Elective	N/A	6/150	48/102	15/27		√		

19	ARCH MA19	Urban Design (Residential District)	Elective	N/A	6/150	48/102	14/28		√		
20	ARCH MA20	Insolation, Lighting and Acoustics in Architecture	Elective	N/A	6/150	47/103	15/24			√	
21	ARCH MA21	Design Management	Elective	N/A	6/150	47/103	12/23		√		
22	ARCH MA22	Economics of Design Decisions	Elective	N/A	6/150	48/102	16/26			√	
		Compulsory Credit Load by Semester						30 ECTS	30 ECTS	30 ECTS	30 ECTS
		√ – The course may be selected in the indicated semester.*									

Map of Program Objectives and Learning Outcomes

Program Objectives	Learning Outcomes									
	1	2	3	4	5	6	7	8	9	10
To provide students with in-depth knowledge of theories, methodological frameworks, and regulatory systems in architecture and urban planning, and to develop their ability to apply this knowledge in the process of urban space analysis and design.	✓	✓	✓	✓						
To develop students' ability to conduct research-based architectural and urban analysis and to formulate context-oriented design solutions based on multifactorial data and spatial research.				✓	✓	✓	✓	✓		
To prepare competitive architects capable of identifying, analysing, and researching urban problems, making effective decisions, and planning and managing urban projects in accordance with professional standards and local and international requirements.						✓	✓	✓	✓	✓

Curriculum Map of Program Learning Outcomes

#	Study Courses	Learning Outcomes									
		1	2	3	4	5	6	7	8	9	10
1	Transport and Society in Architecture	I		I		I	I				
2	Theory and Methodology of Urban Planning Design	D	I/D	D		I	I	I		D	I
3	Formation of Urban Planning Structure and Development / Conversion of Industrial Areas	D		D		D	D	D	I/D	D	
4	Building Safety and Accessibility		D		D			I/D		I/D	D
5	Ecological Architecture	D			I/D	D	D		I/D	D	D
6	Landscape and Recreational Spaces	D		D	D	D	D			D	
7	Urban Design (Small Town)		D		D	D	D	D	D	D	D
8	Urban Design (City Centre)		D		D	D	D	D	D	D	D
9	Research Methods in Architecture	D			D	D	D	D		D	D
10	Educational Practice	M	M	M	M	M	M	M	M	M	M
11	Master's Thesis	M	M	M	M	M	M	M	M	M	M

Introduction	Deepening	Mastering
I	D	M