



Program: Architecture

Level of Education: Bachelor's.

Language of instruction: Georgian.

Academic degree / qualification to be awarded (in Georgian and English): Bachelor of Architecture

Program Volume in Credits: The undergraduate program is based on the ECTS system, is student-centered, and is based on the student workload required to achieve the goals of the educational program.

The undergraduate program in architecture includes 240 ECTS credits, 60 credits per year, 30 credits per semester. Accordingly, the standard duration of the undergraduate program is 4 years or 8 semesters.

Depending on the student's individual workload, the number of credits per year may be less than 60 or more, but not more than 75.

Qualification description of the program

a) Program Objectives:

The aim of the Bachelor of Architecture educational program is to provide the student with:

1. Knowledge of the basics, essence, urban planning, volumetric architecture, patterns of environmental design and interior development, basic design principles, methods and technologies in the field of architecture and develop practical skills for their use;
2. Broad theoretical knowledge of the main features, and values of the architectural system, aspects of social-historical development of modern architecture;
3. Skills necessary to identify well-defined problems in the field of architecture, to analyze them using standard methods and to make a reasoned conclusion and to solve problems independently;
4. Ability to convey creative ideas, professional information or own opinion to specialists and non-specialists in a structured and consistent way, both in native and foreign languages, in accordance with the professional ethics, principles, and values characteristic of architecture;

b) Prerequisite for admission to the program: A citizen of Georgia holding a state certificate/attestation confirming completion of full general education, or an equivalent document, is eligible for admission to the Bachelor's Educational Programme in Architecture based on the results of the Unified National Examinations, provided that they have passed the following mandatory subjects required for admission to the academic programme: Georgian language, a foreign language (English), and Mathematics/Physics.

Admission/enrolment of students to the Bachelor's Educational Programme in Architecture without passing the Unified National Examinations shall be carried out in accordance with the applicable legislation.

Admission to the Bachelor's Educational Programme in Architecture through mobility is possible twice a year, within the timeframes established by the Ministry of Education and Science of Georgia, in compliance with the mandatory procedures and the rules established by the University.

Admission or transfer-based enrolment to the Bachelor's Educational Programme in Architecture from a recognised foreign higher education institution shall be carried out based on the decision of the Ministry of Education, Science, Culture and Sport of Georgia.

c) Learning outcomes:

Knowledge and understanding	Upon completion of the programme, the graduate will be able to: 1. Explain the theoretical, artistic, and technical foundations of architecture, as well as the principles of architectural form, composition, and spatial organisation. 2. Describe the cultural, social, environmental, and technological factors influencing the formation of architectural and urban environments. 3. Characterise the main structural systems, construction materials, and contemporary technological approaches used in architectural design. 4. Explain the role of architectural visualisation, graphic communication, and design methods in professional practice.
Skills	Upon completion of the programme, the graduate will be able to: 5. Apply spatial, graphic, and conceptual thinking to solve architectural and design-related tasks. 6. Analyse architectural objects and environments by considering functional, aesthetic, technical, and contextual factors. 7. Develop architectural projects using appropriate methods and tools, including drawings, diagrams, visualisation, and modelling techniques. 8. Present architectural ideas, concepts, and projects in an evidence-based and professional manner to both specialist and non-specialist audiences.
Autonomy and responsibility	Upon completion of the programme, the graduate will be able to: 9. Carry out professional activities independently and responsibly within the defined scope of competence, in compliance with applicable norms, regulations, and professional ethics. 10. Assume responsibility for design decisions and their social, cultural, and environmental implications. 11. Evaluate their own professional development needs and demonstrate the ability to collaborate and communicate effectively in a team-based environment.

d) Teaching-learning methods:

- ☒ Lecture
- ☒ Group work
- ☒ Practical work
- ☒ Seminar
- ☒ Learning by electronic resources
- ☒ E-learning
- ☒ Other

The educational courses of the undergraduate educational program of architecture include specific teaching-learning methods relevant to the subject. The teaching-learning methods reflected in the syllabus of each study course correspond to the education level and the goals and content of each course. These methods ensure the achievement of the learning outcomes provided by the syllabus and, in combination, the overall learning outcomes of the program.

When selecting teaching methods, the purpose of the training course and the expected results—what the student should know and be able to do—are taken into account. Teaching and learning methods such as lectures, work in groups, seminars, practical work, and others are used to implement the educational component of the program. These methods contribute to the assimilation of specific material and the development of students' transferable skills.

Additionally, learning methods may include activities such as discussion/debate, cooperative learning, collaborative work, demonstration, explanation, verbal communication, deduction, induction, analysis, brainstorming, and others. The activities used in the teaching-learning process complement and integrate with each other. Academic and visiting staff implementing the program may use one or more of these activities or any other activity depending on the specific learning task.

e) Student evaluation system:

Assessment System

The acquisition of the educational component envisaged by the Bachelor's Educational Programme in Architecture requires students' active participation in the learning process and is based on the principle of continuous assessment of the knowledge and competences acquired.

During the implementation of the Bachelor's Educational Programme in Architecture, the level of achievement of student learning outcomes is assessed 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 "Rule for Calculating Credits for Higher Educational Programmes".

The assessment of the level of achievement of student learning outcomes within the educational component of the Bachelor's Educational Programme in Architecture includes mid-term assessment, which may be one-time or multiple, and final assessment. The sum of these components constitutes the final grade, amounting to 100 points.

Mid-term and final assessments, as assessment components, include assessment methods, namely the means used to evaluate the achievement of learning outcomes, such as oral/written examination, oral/written questioning, homework assignment, practical/theoretical work, and others. The measurement unit of an assessment method is the assessment criterion, through which the level of achievement of learning outcomes is determined.

Each assessment component is assigned a quantitative share of the total assessment score, 100 points, expressed either in percentages or points, within the final grade. This distribution is reflected in the syllabus of the relevant study course and is communicated to students at the beginning of the academic semester.

A minimum competency threshold is defined for each assessment component. The minimum competency threshold for the final assessment must not exceed 60% of the final assessment score. During the implementation of the Bachelor's Educational Programme in Architecture, the minimum competency thresholds for students' mid-term and final assessments are reflected in the syllabus of the relevant study course and communicated to students at the beginning of the academic semester.

The award of credits based on only one assessment component, either mid-term or final assessment, is not permitted. A student is awarded credits if they meet the minimum competency thresholds defined for each assessment component and receive one of the positive grades.

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

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.

If an FX grade is received in the educational component of the programme, an additional 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 additional examination shall not be added to the points received in the final assessment. The grade obtained in the additional examination shall constitute the final assessment and shall be reflected in the final grade of the educational component of the programme.

f) Employment: The graduate of the Undergraduate program in Architecture will have the opportunity to work in any position where the academic degree of Bachelor of Architecture is required and it is not necessary to pass the state certification exam and/or additional preconditions provided by the legislation of Georgia.

Graduates of the Undergraduate program in Architecture may be employed to carry out architectural activities at:

- Local self-government (permitting, regulating and controlling) bodies;
- Architectural design and design-studios;
- Architectural-construction and development companies;
- Historical-cultural heritage protection services and foundations;
- Measuring works companies.

g) Ways to Continue further Studies: A graduate of the bachelor's education program in architecture is entitled to continue studying at higher educational institutions in Georgia or other countries in a master's program in architecture, which focuses on training specialists and researchers at the next level.

A graduate can also continue their studies in a master's program in any direction, provided that the prerequisite for admission to the program is not limited to a bachelor's degree in another specialty.

h) Material-Technical Base of the Program: The program is implemented at Eastern European University, which is equipped with the necessary material-technical resources. Specifically, the university provides the following: a library (where the mandatory literature and electronic resources defined by the program syllabus are available), an architecture research and design bureau, two computer resource centers (with free access to computers and the Internet for students), two conference halls, appropriately equipped auditoriums, and offices for academic and administrative staff. To support the practical components of the program, memorandums have been signed with relevant institutions.

i) Human Resources of the Program: The implementation of the bachelor's program in architecture is ensured by appropriate human resources. The educational components provided by the program are led by the university's academic staff, as well as invited specialists with relevant experience and competencies.

j) Program Structure

Structure of the Bachelor's Educational Programme in Architecture

The Bachelor's Educational Programme in Architecture consists of the following components:

- Compulsory study courses of the major field of study — 157 ECTS;
- Compulsory free component — 17 ECTS;

• **Foreign language component — 24 ECTS.**

The English language study courses are aimed at developing students' English language proficiency and communication skills in English, promoting the extensive use of English-language sources in the teaching and learning process, and strengthening the internationalisation dimension of the educational programme.

The study of English is compulsory for at least **24 ECTS credits** over **four academic semesters**. During the **3rd and 4th academic semesters**, students study English relevant to their field of specialisation. Students are admitted to English language study courses if they possess at least **B1-level English language competence**, which is verified through internal university testing.

If, based on internal university testing, a student does not demonstrate B1-level English language competence, they are required, within the credits allocated for elective study courses of the free component (**12 ECTS**), to select English language course(s) at the appropriate level in order to meet the admission requirements for the English language study courses defined in the present curriculum.

A student of the Bachelor's Programme in Architecture who submits a certificate confirming **B2-level or higher English language competence**, or a document confirming education obtained abroad, such as a school-leaving certificate or diploma, shall be exempt from internal university testing. In such a case, the student is required to accumulate only **12 ECTS credits** from English language courses relevant to the field of specialisation. Accordingly, the accumulation of the total **240 ECTS credits** required for the Bachelor's Educational Programme is ensured through elective study courses of the major field of study and/or elective study courses of the free component envisaged by the curriculum.

• **Elective study courses/modules of the field of specialisation — 30 ECTS;**

• **Free components — 12 ECTS.**

The study courses grouped within a module are logically interconnected, and the completion of each of them may constitute a mandatory prerequisite for taking other study courses envisaged by the programme curriculum.

Program Coordinator:

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Subject load of the Undergraduate program in architecture

				ECTS credit/hour				Student study load	
				I year	II year	III year	IV year	Σ	

№	Subject code	Pre-condition	Subject/module	Semester									
				I	II	III	IV	V	VI	VII	VIII		
			Mandatory non-specialty subjects - (17 - ECTS)										
1	ARCHBA01	N/A	Academic writing	5/150								48	77
2	ARCHBA02	N/A	Basics of Mathematics	6/150								46	104
3	ARCHBA03	N/A	Introduction to Information Technology		6/150							48	102
			English language component (24 - ECTS)										
4	UNB 003	N/A	English language (B1)	6/150								66	84
5	UNB 004	UNB 003	English language (B2)		6/150							66	84
6	UNB 005	UNB 004	English language for Architects - 1			6/150						66	84
7	UNB 006	UNB 005	English language for Architects - 2				6/150					66	84
			Compulsory study courses of the main field of study (157 - ECTS)										
10	ARCHBA12	N/A	Descriptive Geometry and Projection Drawing	6/150								45	105
11	ARCHBA13	N/A	Introduction to the Field of Study			6/150						48	102
12	ARCHBA14	ARCHBA12	Shadows and Perspective		6/150							48	102
13	ARCHBA15	N/A	Architectural Composition and Fundamentals of Planning		6/150							48	102
14	ARCHBA16	N/A	Fine Arts I	6/150								48	102
15	ARCHBA17	ARCHBA16	Fine Arts II		6/150							48	102
16	ARCHBA18	N/A	Form Generation in Architecture and Fundamentals of Planning			6/150						48	102
17	ARCHBA19	N/A	History of Architecture – Ancient World			6/150						48	102
18	ARCHBA20	ARCHBA19	History of Architecture – From the Romanesque Period to the 19th Century				6/150					48	102
19	ARCHBA21	ARCHBA20	Modern Architecture I					6/150				48	102
20	ARCHBA22	ARCHBA21	Modern Architecture II						6/150			48	102
21	ARCHBA23	N/A	Theory of Urban Planning						6/150			48	102
22	ARCHBA24	N/A	Urban Ecology and Contemporary Urban Theories							6/150		48	102
23	ARCHBA25	N/A	Building Information Modelling I			6/150						45	105

24	ARCHBA26	ARCHBA25	Building Information Modelling II				6/150					45	105
25	ARCHBA27	ARCHBA26	Building Information Modelling III					6/150				45	105
26	ARCHBA28	ARCHBA27	Building Information Modelling IV						6/150			45	105
27	ARCHBA29	N/A	Structural Systems of Buildings and Constructions in Architecture				6/150					47	103
28	ARCHBA30	N/A	Physical and Mechanical Properties of Construction Materials and Products							6/150		48	102
29	ARCHBA31	N/A	Construction Production Technology and Safety							6/150		48	102
30	ARCHBA32	ARCHBA18	Architectural Project I /Residential House/					6/150				45	105
31	ARCHBA33	ARCHBA32	Architectural Project II /Public Buildings/						6/150			45	105
32	ARCHBA34	ARCHBA33	Architectural Project III /Industrial Buildings and Structures/							6/150		49	101
33	ARCHBA35	N/A	Urban Design							6/150		48	102
34	ARCHBA36	ARCHBA34	Course Architectural Project /Individual/								6/150	43	107
35	ARCHBA37	ARCHBA34	Professional Practice								7/475	126	49
			Optional specialty subjects (30 - ECTS)							18	12		
36	ARCH BA38	N/A	Engineering Geodesy								6/150	48	102
37	ARCH BA39	N/A	Bioclimatic architecture								6/150	48	102
38	ARCH BA40	ARCH BA32	Landscape architecture								6/150	48	102
39	ARCH BA41	N/A	Typology of buildings								6/150	48	102
40	ARCH BA42	N/A	Portfolio development / presentation								6/150	48	102
41	ARCH BA43	N/A	Archicad							6/150		45	105
42	ARCH BA44	N/A	CAD for architects							6/150		45	105
43	ARCH BA45	ARCHBA23	Small settlement planning principles							6/150		48	102
44	ARCH BA46	ARCH BA33	Reconstruction of buildings, regeneration, adaptation							6/150		48	102
45	ARCH BA47	ARCHBA32	Interior design of a residential house							6/150		45	105
46	ARCH BA48	ARCHBA33	Interior design of public buildings							6/150		46	104
47	ARCH BA49	N/A	Economics and Organization of Design and Construction							6/150		48	102
48	ARCH BA50	N/A	Copmputer modeling (3ds Max)							6/150		48	102
			Free Components (12 - ECTS)										
49	ARCH BA04	N/A	Fundamentals of Philosophy							6/150		48	102

50	ARCH BA05	N/A	Fundamentals of Psychology							6/150		48	102
51	ARCH BA06	N/A	Fundamentals of Management							6/150		48	102
52	ARCH BA07	N/A	Principles of Economics							6/150		48	102
53	ARCHB A08	N/A	History of Georgian Architecture							6/150		48	102
54	ARCHB A09	N/A	Academic Writing for Beginners							6/150		48	102
55	UNB 001	N/A	English Language (A1)							6/150		66	84
56	UNB 002	UNB 001	English Language (A2)							6/150		66	84
Per semester				30	30	30	30	30	30	30	30		
Per year				60		60		60		60			

Map of Program Objectives and Learning Outcomes

Program Objectives	Learning Outcomes										
	1	2	3	4	5	6	7	8	9	10	11
1. Knowledge of the basics, essence, urban planning, volumetric architecture, patterns of environmental design and interior development, basic design principles, methods and technologies in the field of architecture and develop practical skills for their use;	✓		✓		✓		✓				
2. Broad theoretical knowledge of the main features, and values of the architectural system, aspects of social-historical development of modern architecture;	✓	✓		✓							
3. Skills necessary to identify well-defined problems in the field of architecture, to analyze them using standard methods and to make a reasoned conclusion and to solve problems independently;					✓	✓	✓	✓	✓		
4. Ability to convey creative ideas, professional information or own opinion to specialists and non-specialists in a structured and consistent way, both in native and foreign languages, in accordance with the professional ethics, principles, and values characteristic of architecture;								✓		✓	✓

Map of Program Learning Outcomes

Compulsory Teaching Courses	Program Learning Outcomes										
	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO11
Special Course in Georgian Language								I			I
Fundamentals of Mathematics					I	I					
Introduction to Information Technologies				I			I				I
English Language (B1)								I			I
English Language (B2)								D			D
English Language for Architects I	I							D			D
English Language for Architects II	D							D			D
Descriptive Geometry and Projection Drawing	I			I	I		I				
Introduction to the Field of Study	I	I	I	I	I	I	I	I	I	I	I
Shadows and Perspective	D	D	D	D	D	D	D	D	D	D	D
Architectural Composition and Fundamentals of Planning	I	I	I	I	I	I	I	I	I	I	I
Fine Arts I	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Fine Arts II	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Form Generation in Architecture and Fundamentals of Planning	I	I	I	I	I	I	I	I	I	I	I
History of Architecture – Ancient World	I	I	I	I	I	I	I	I	I	I	I
History of Architecture – From the Romanesque Period to the 19th Century	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Modern Architecture I	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Modern Architecture II	D	D	D	D	D	D	D	D	D	D	D
Theory of Urban Planning	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Urban Ecology and Contemporary Urban Theories	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Building Information Modelling I	I	I	I	I	I	I	I	I	I	I	I
Building Information Modelling II	D	D	D	D	D	D	D	D	D	D	D
Building Information Modelling III	D	D	D	D	D	D	D	D	D	D	D
Building Information Modelling IV	D	D	D	D	D	D	D	D	D	D	D
Structural Systems of Buildings and Constructions in Architecture	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Physical and Mechanical Properties of Construction Materials and Products	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D

Construction Production Technology and Safety	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Architectural Project I /Residential House/	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Architectural Project II /Public Buildings/	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Architectural Project III /Industrial Buildings and Structures/	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D
Urban Design	D	D	D	D	D	D	D	D	D	D	D
Course Architectural Project /Individual/	M	M	M	M	M	M	M	M	M	M	M
Professional Practice	M	M	M	M	M	M	M	M	M	M	M

