

Architecture

Name of the Educational Programme:	Architecture
Awarded Qualification:	Bachelor of Architecture/არქიტექტურის ბაკალავრი
Credit Value of the Programme:	240 ECTS
Language of Education:	Georgian
Programme Admission Preconditions:	<ul style="list-style-type: none"> • A person is eligible to enroll in a bachelor's program provided they have completed their general education, have a state-certified document that supports their eligibility, and their results from the unified national exams support their eligibility. A individual must go through administrative registration at International Black Sea University after being granted the right to study. • According to the Georgia Minister of Education and Science's decision of December 29, 2011 No224/N, those who are eligible may enroll in the university even if they do not pass the unified national exams. The aforementioned individuals are required to attest to their B2 proficiency in Georgian. • Students enrolled under the mobility rule, according to the order of the Minister of Education and Science of Georgia No. 10/N of February 4, 2010, "On approval of the procedure and fees for transferring from one higher educational institution to another." • A mandatory procedure for obtaining the right to enroll in an undergraduate educational program is a creative tour, which involves the submission of drawings made by the applicant, which are evaluated by experts/specialists in the field. The procedure and stages of the interview are described in the relevant regulation. • The student's enrollment in the undergraduate program is determined by the results of the unified national exams, in accordance with the Georgian legislative framework. One of the required disciplines to pass is Physics and Mathematics.
Purpose of the Programme:	<p>The architecture undergraduate education program's objectives:</p> <ol style="list-style-type: none"> 1. To prepare highly qualified personnel equipped with comprehensive theoretical and practical knowledge and skills for the profession of Architecture. This includes training students to understand the characteristics of the project area and existing construction regulations, thereby developing their ability to create professional architectural projects.

	<p>2. To provide students with knowledge of the theoretical aspects of the history of architecture; procedures necessary for the implementation of projects/concepts; and contemporary technologies and engineering issues in urban planning processes</p> <p>3. To train a specialist in the field in accordance with both local and international requirements and to equip them for further studies at the next level.</p>				
Learning outcome	<p>Upon successful completion of the architecture education program, graduates will develop the following general and sectoral competencies necessary for the specialty.</p> <table border="1" data-bbox="793 500 2045 1331"> <tr> <td data-bbox="793 500 989 992">Knowledge and understanding:</td> <td data-bbox="989 500 2045 992"> <p>1. Describes the history and theory of architecture, including art, international architectural styles, aspects necessary for architectural design and design management of buildings, and the legal foundations of planning and construction.</p> <p>2. In the process of construction, realizes the special role of the architect's profession and the values and contexts related to the preservation and development of the environment in the field of urbanism.</p> <p>3. Thoroughly reviews and critically considers the legal procedures necessary for architectural projects, in accordance with the general principles of the global experience of architecture.</p> <p>4. Understands the public requirements following operational processes, the organization of construction, project area improvement and follows the professional ethics and legal regulations related to the mentioned field.</p> </td> </tr> <tr> <td data-bbox="793 992 989 1331">skills</td> <td data-bbox="989 992 2045 1331"> <p>5. Analyzes the architectural features of the building, including planning principles, aesthetics, functional schemes and creates an architectural project through the urban planning context of the project area;</p> <p>6. considers the aesthetic and operational properties of constructions, modern technologies and materials, as well as transport, communication, technical and security systems;</p> <p>7. generates architectural ideas in a digital format using a variety of techniques, while illustrating constructions, technologies, materials, technical and safety systems.</p> <p>8. Collects data taking into account the interests of the customer, based on the analysis of which forms a professional substantiated conclusion.</p> </td> </tr> </table>	Knowledge and understanding:	<p>1. Describes the history and theory of architecture, including art, international architectural styles, aspects necessary for architectural design and design management of buildings, and the legal foundations of planning and construction.</p> <p>2. In the process of construction, realizes the special role of the architect's profession and the values and contexts related to the preservation and development of the environment in the field of urbanism.</p> <p>3. Thoroughly reviews and critically considers the legal procedures necessary for architectural projects, in accordance with the general principles of the global experience of architecture.</p> <p>4. Understands the public requirements following operational processes, the organization of construction, project area improvement and follows the professional ethics and legal regulations related to the mentioned field.</p>	skills	<p>5. Analyzes the architectural features of the building, including planning principles, aesthetics, functional schemes and creates an architectural project through the urban planning context of the project area;</p> <p>6. considers the aesthetic and operational properties of constructions, modern technologies and materials, as well as transport, communication, technical and security systems;</p> <p>7. generates architectural ideas in a digital format using a variety of techniques, while illustrating constructions, technologies, materials, technical and safety systems.</p> <p>8. Collects data taking into account the interests of the customer, based on the analysis of which forms a professional substantiated conclusion.</p>
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	<p>Responsibility and autonomy:</p> <p>9. evaluates the technical, aesthetic and operational properties of the architectural project created by him/her;</p> <p>10. in the process of conducting construction-research works, adheres to the principles of professional ethics and creates an architectural project compatible with legal regulations;</p>
<p>Evaluation Criteria</p>	<p>The goal of evaluation is to determine student's education results qualitatively in relation to academic program goals and parameters.</p> <p>Students may be assessed orally and/or in a written way. A student's knowledge and skills are assessed through 100 points grading system. It consists of midterm and final evaluations, the sum of which makes up 100 points. Grading system allows:</p> <p>a) Five types of positive grades</p> <ol style="list-style-type: none"> 1) (A) Excellent – 91 – 100: 2) (B) Very good – 81-90. 3) (C) Good – 71-80: 4) (D) Satisfactory – 61-70. 5) (E) Sufficient – 51-60. <p>b) Two types of negative grades</p> <ol style="list-style-type: none"> 1) (FX) Fail – 41-50, meaning that a student requires some more work before passing and is given a chance to sit an additional examination after independent work; 2) (F) Fail – 40 and less, meaning that the work of a student is not acceptable and he/she has to study the subject anew. <p>For the midterm and final evaluations minimal passing grade is set. The final evaluation minimal passing grade is 60% of final evaluation grade.</p> <p>Midterm and final evaluation grade distribution, their minimal competence levels and assessment criteria are described in the corresponding syllabus.</p> <p>A credit can be awarded only after the attainment of learning outcomes, envisaged by the course syllabus and following requirements:</p> <ol style="list-style-type: none"> a) Obtaining minimal competence levels set for midterm and final evaluations; b) Obtaining minimum 51 points out of 100 points of final grade. <p>A student is allowed to take an additional (make-up) exam in case he/she scored 41-50 points of final grade or minimum 51 points, but did not obtain minimal competence level set for final evaluation.</p>

	The minimum competency threshold for midterm and final assessments is 51% of the respective assessment. Considering its specification, the format and the assessment criteria of mid-term and final evaluations can be determined in the specific module/course syllabus.
Field of Employment:	Graduates of the architecture educational program have the opportunity to be employed in both private and public organizations in the architectural sector (architectural design studios, construction companies, real estate agencies, municipalities), various business associations or public institutions. The field of employment can be: architectural design, urban planning, consulting, project management and other related areas.

#	Study course / module / practice / research component	status	Number of credits	Distribution of hours										Independent work	total hours				
				I year		II year		III year		IV year		contact							
				I semester	II semester	III semester	IV semester	V semester	VI semester	VII semester	VIII semester	lecture	seminar/group work/ practical work			midterm exam(s)	Final exam	total contact	
Free obligatory component			20 ECTS																
1	academic writing	Mandatory	5	5									14	14	2	2	32	93	125
2	Information technologies	Mandatory	5	5									14	14	2	2	32	93	125

3	General English B2.1	Mandatory	5	5														
4	General English B2.2	Mandatory			5													
II	Mandatory component of the specialty		170	15	20	20	25	25	25	20	20							
1.	ARC 1000 Mathematics	Mandatory	5	5								14	14	2	2	32	93	125
2..	ARC 1001 Fundamentals of Geometric Modeling	Mandatory	5	5								14	14	2	2	32	93	125
3.	ARC 1002 Representational Drawing	Mandatory	5	5								14	14	2	2	32	93	125
4.	ARC 1501 Architectural Drawing	Mandatory	5		5							14	14	2	2	32	93	125

5.	ARC 1502 Fundamentals of Architectural Composition	Mandatory	5		5						14	14	2	2	32	93	125
6.	ARC 1503 Architecture and Art (up to the 19th century)	Mandatory	5		5						14	14	2	2	32	93	125
7.	ARC 1504 Geodesy	Mandatory	5		5						14	14	2	2	32	93	125
8.	ARC 2000 Architectural Design I	Mandatory	10			10					30	58	2	2	92	158	250
9.	ARC 2001 Automated Design Systems in Manufacturing I (ARCHICAD 1)	Mandatory	5			5					14	14	2	2	32	93	125
10.	ARC 2002 Materials and Structures	Mandatory	5			5					14	14	2	2	32	93	125
11.	ARC 2500 Architectural Design II	Mandatory	10				10				30	58	2	2	92	158	250
12.	ARC 2501 Modernism in Architecture and Art	Mandatory	5				5				14	14	2	2	32	93	125

13.	ARC 2502 Automated Design Systems in Manufacturing II (ARCHICAD 2)	Mandatory	5				5				14	14	2	2	32	93	125
14.	ARC 2503 Architectural Physics and Building Technologies	Mandatory	5				5				14	14	2	2	32	93	125
15.	ARC 3000 Professional English	Mandatory	5				5				14	14	2	2	32	93	125
16.	ARC 3001 Fundamentals of the International Construction Code	Mandatory	5				5				14	14	2	2	32	93	125
17.	ARC 3002 Architectural Design III	Mandatory	10				10				30	58	2	2	92	158	250
18.	ARC 3003 Architecture Today	Mandatory	5				5				14	14	2	2	32	93	125
19.	ARC 3500 Fundamentals of Urban Planning	Mandatory	5				5				14	14	2	2	32	93	125

20.	ARC 3501 Three-dimensional digital visualization of an architectural project (3Ds Max)	Mandatory	5					5			14	14	2	2	32	93	125
21.	ARC 3502 Architectural Design IV	Mandatory	10					10			30	58	2	2	92	158	250
22.	ARC 3503 Practice	Mandatory	5					5			14	14	2	2	32	93	125
23.	ARC 4000 Fundamentals of Interior Design	Mandatory	5					5			14	14	2	2	32	93	125
24.	ARC 4001 Architectural Design V	Mandatory	10					10			30	58	2	2	92	158	250
25.	ARC 4002 Fundamentals of Environmental Design	Mandatory	5					5			14	14	2	2	32	93	125

26.	ARC 4500 Fundamentals of Sustainable Architecture	Mandatory	5							5	14	14	2	2	32	93	125
27.	ARC 4501 Labor Safety	Mandatory	5							5	14	14	2	2	32	93	125
28.	ARC 4502 bachelor's projec	Mandatory	10							10	14	14	2	2	32	93	125
III	Elective component of the specialty		15					5	5	5							
1.	ARC 4003 Cultural Heritage	Elevtive	5					5			14	14	2	2	32	93	125
2.	ARC 4004 Buildings	Elevtive	5						5		14	14	2	2	32	93	125
3.	ARC 4004 Latest Structures	Elevtive	5						5		14	14	2	2	32	93	125
4.	Sociology	Elevtive	5					5			14	14	2	2	32	93	125
5.	Fundamentals of architectual project management	Elevtive	5							5	14	14	2	2	32	93	125

6.	ARC 4503 The street of the future in an urban context	Elevtive	5							5	14	14	2	2	32	93	125
7.	ARC 354 Social Sustainability	Elevtive	5			5					14	14	2	2	32	93	125
IV	Free elective component/or additional educational program	35 ECTS															
	Any study course of the corresponding level of the university, subject to prerequisites.			5	10	5	5		5	5							
total		240	30	30	30	30	30	30	30	30	30						