Architecture

Name of the Educational Programme:	Architecture
Awarded Qualification:	არქიტექტურის ბაკალავრი / Bachelor of Architecture
Credit Value of the Programme:	240 ECTS
Language of Education:	English
Programme Admission Preconditions:	The entrant is enrolled in the bachelor's educational program in accordance with the rules established by the legislation of Georgia - based on the results of the Unified National Examinations. One of the compulsory subjects is: Mathematics. In addition, the entrant must pass only English in foreign languages at the Unified National Examinations and is required to exceed the 50% + 1. The mandatory procedure for obtaining the right to enroll in the bachelor's educational program is an interview in drawing, which involves the submission of drawings made by the entrant, which are evaluated by experts/specialists in the field. The procedure and stages of conducting an interview are described in the relevant regulation, which is posted on the website (https://ibsu.edu.ge/en/school-of-computer-science-and-architecture/) of the Faculty of Computer Technologies and Architecture of the IBSU.
Purpose of the Programme:	The goal of the Bachelor of Architecture program is consistent with the mission of the International Black Sea University, strategic objectives and is in line with labor market requirements. 1. The aim of the educational program is to prepare highly qualified personnel with basic theoretical and practical knowledge and skills important to the profession of architect. The skills mentioned above imply the ability of graduates to analyze identifying characteristic of a design area, make sketches and professional architectural project using existing building regulations.

	1.1 The program aims to provide students not only with theoretical knowledge, but with practical experience as well by supporting them to organize internships in different enterprises. Having a practical experience besides theoretical knowledge is critically important to meet contemporary requirements of today's competitive market; 1.2 The aim of the program is to prepare a specialist in the field in accordance with both local and international requirements and to continue his/her studies at the next level; 1.3 The aim of the program is for students to be able to prepare a research or practical paper on current processes in the field of architecture in accordance with pre-defined guidelines and to present it effectively to an interested audience.
Learning outcome	**Knowledge and understanding**	1. Describes the history and theory of architecture, including knowledge and sharing of art, international architectural styles, modern technologies, social sciences and humanities; 2. Understands the role of the architect profession, socio-cultural values, basic principles of urban planning, responsibilities for the preservation and development of the existing urban context and environment, and applies knowledge in architectural design; 3. Thoroughly reviews and critically understands the documentation required for the implementation of architectural projects and its compliance with international construction norms and general principles of world experience in sustainable architecture; 4. Reviews modern constructions and technologies of buildings, describes the principles of architectural physics and the latest research achievements; 5. Understands the public requirements, customer and user interests, professional ethics and legal regulations related to the design of buildings, construction, improvement of the project area and operation processes. 6. Creates an architectural project by analyzing the architectural features of the building, including planning principles, aesthetics, functional schemes

		and the urban planning context of the project area, and taking into account the requirements of professional ethics;
	Skills	1. The architectural project, as a whole summary document, in accordance with the pre-defined instructions, simultaneously considers the aesthetic-operational properties of structures, modern technologies and materials, as well as transport, communication, technical and safety systems; 2. Uses electronic, graphic, modeling, verbal, written, multimedia and other methods when designing, presenting and reviewing an architectural project.
	Responsibility and autonomy	1. Architectural activities, including design and research activities, work individually or in a team, use a variety of communication skills, and adhere to professional ethics requirements and accountability principles; Defines individual study needs in accordance with its own goals and plans further professional development using the available resources.
Evaluation Criteria	The goal of evaluation is to determine student's education results qualitatively in relation to academic program goals and parameters. Student 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, sum of which makes up 100 points. Grading system allows: a) Five types of positive grades 1) (A) Excellent – 91 and over of maximum point; 2) (B) Very good – 81-90 of maximum point; 3) (C) Good – 71-80 of maximum point; 4) (D) Satisfactory – 61-70 of maximum point; 5) (E) Acceptable – 51-60 of maximum point. b) Two types of negative grades	

		1)　　(FX) Fail – 41-50 of maximum point, 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 of maximum point, meaning that the work of a student is not acceptable and he/she has to study the subject anew. For the midterm and final evaluations minimal passing grade is set. The final evaluation minimal passing grade must not exceed 60% of final evaluation grade. Midterm and final evaluation grade distribution, their minimal competence levels and assessment criteria are described in the corresponding syllabus. A credit can be awarded only after the attainment of learning outcomes, envisaged by the course syllabus and following requirements: a) Obtaining minimal competence levels set for midterm and final evaluations; b) Obtaining minimum 51 points out of 100 points of final grade. 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:		The graduates of the Educational Program in Architecture have an opportunity to be employed in both private and governmental organizations in architectural sector (architectural design studios, construction companies, real property agencies, municipalities) as well as in various business cooperation, public institutions, etc. The fields of employment can be: architectural design, urban design, consulting, project management and other related fields.

#	Course / Module / Internship /	Status	Credit number					Distribution of Hours		
				I Year	II Year	III Year	IV Year	Contact Hours	Independent work	Total number of hours

	Research Component			I Semester	II Semester	III Semester	IV Semester	V Semester	VI Semester	VIIԵ Semester	VIII Semester	Lecture	Seminar / Group Work / Laboratory Work / Practical	Midterm exam(s)	Final exam	Total number of contact hours		
I	CTF 105 Academic	Compulsory	5	5								14	14	2	2	32	93	125
II	CEN 122 Information Technologies	Compulsory	5	5								14	14	2	2	32	93	125
III	Free Credits / Minor Program	Elective	50									140	140	20	20	320	930	1250
	Foreign Language	Elective\Free	15	5	5	5						42	42	6	6	96	288	375
	Free Credits / Minor Program	Elective	35		5	5	5	5	5	5	5	98	98	14	14	224	651	875

IV	Major Specialty Compulsory Component	Compulsory	170	15	25	25	25	25	25	15	15	472	582	56	56	1,196	2691	4250
1	ARC 100 Mathematics	Compulsory	5	5								14	14	2	2	32	93	125
2	ARC 101 Basic Design I	Compulsory	5	5								14	14	2	2	32	93	125
3	ARC 102 Architectural Drawing I	Compulsory	5	5								14	14	2	2	32	93	125
4	ARC 151 Architectural Drawing II	Compulsory	5		5							14	14	2	2	32	93	125

#	Course	Type																
5	ARC 153 Architecture and Art Through the Ages (till 19th century)	Compulsory	**5**		5							14	14	2	2	32	93	125
6	ARC 155 Professional English	Compulsory	**5**		5							14	14	2	2	32	93	125
7	ARC 156 Representative Drawing	Compulsory	**5**		5							14	14	2	2	32	93	125
8	ARC 355Building Science	Compulsory	**5**		5							14	14	2	2	32	93	125
9	ARC 201 Architectural Project I	Compulsory	**10**			10						30	58	2	2	92	158	250

No	Course	Type														
10	ARC 202 Computer Aided Design I (AutoCAD 1)	Compulsory	5		5						14	14	2	2	32	93	125
11	ARC 152 Materials and Structure	Compulsory	5		5						14	14	2	2	32	93	125
12	ARC 154 Architectural Physics and Building Technologies	Compulsory	5		5						14	14	2	2	32	93	125
13	ARC 251 Architectural Project II	Compulsory	10			10					30	58	2	2	92	158	250
14	ARC 252 Modernism in Architecture and Art	Compulsory	5			5					14	14	2	2	32	93	125
15	ARC 253 Basics of International Building Code	Compulsory	5			5					14	14	2	2	32	93	125

16	ARC 306 Computer Aided Design II	Compulsory	**5**			**5**			**14**	**14**	**2**	**2**	**32**	**93**	**125**
17	ARC 301 Architectural Project III	Compulsory	**10**				10		30	58	2	2	92	158	250
18	ARC 305 Architecture Today	Compulsory	**5**			5			**14**	**14**	**2**	**2**	**32**	**93**	**125**
19	ARC 354 Basics Urban Planning	Compulsory	**5**			5			**14**	**14**	**2**	**2**	**32**	**93**	**125**
20	ARC 307 3D Digital Visualization of Architectural project (3Ds Max)	Compulsory	**5**			5			**14**	**14**	**2**	**2**	**32**	**93**	**125**
21	ARC 351 Architectural Project IV	Compulsory	**10**				10		30	58	2	2	92	158	250

#	Course	Type															
22	ARC 352 Internship	Compulsory	5					5			14	14	2	2	32	93	125
23	ARC 402 Basics of Interior Design	Compulsory	5					5			14	14	2	2	32	93	125
24	ARC 404 Basics of Sustainable Architecture	Compulsory	5					5			14	14	2	2	32	93	125
25	ARC 401 Architectural Project V	Compulsory	10						10		30	58	2	2	92	158	250
26	ARC 403 Basics of Landscape Design	Compulsory	5						5		14	14	2	2	32	93	125
27	ARC 451 Bachelor Thesis	Compulsory	10						10		14	14	2	2	32	93	125

28	ARC 302 Health and Safety	Compulsory	5							5	14	14	2	2	32	93	125
V	**Major Specialty Elective Component**	**Elective**	**10**						5	5							
1	ARC 303 Architectural Graphics	Elective	5						5		14	14	2	2	32	93	125
2	ARC 304 Basic Design II	Elective	5						5		14	14	2	2	32	93	125
3	ARC 353 Advanced structures	Elective	5						5		14	14	2	2	32	93	125
4	FSS 003 Sociology	Elective	5							5	14	14	2	2	32	93	125

No.	Course	Type																	
5	MGT 102 Principles of Management	Elective	5								5	14	14	2	2	32	93	125
6	ARC 452 Future Street in Urban Context	Elective	5								5	14	14	2	2	32	93	125
7.	ARC 480 Cultural Heritage	Elective									5	14	14	2	2	32	93	125
8.	ARC 411 Social Sustainability	Elective								5		14	14	2	2	32	93	125
9.	ARC 415 Architecture as a Touristic Destination	Elective								5		14	14	2	2	32	93	125
	Total		240	30	30	30	30	30	30	30	30	8511	1204	80	82	2217	3783	6000