



საქართველოს ტექნიკური უნივერსიტეტი
GEORGIAN TECHNICAL UNIVERSITY

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Bachelor's Educational Program

Name of the program

არქიტექტურა

Architecture

Faculty

არქიტექტურის, ურბანისტიკის და დიზაინის ფაკულტეტი

Faculty of Architecture, Urban Planning and Design

Program manager

Associated professor Nugzar Khvedeliani

Qualification and program credits

არქიტექტურის ბაკალავრი

მიენიჭება საგანმანათლებლო პროგრამაში არსებული ძირითადი სპეციალობისა (223 კრედიტი) და თავისუფალი კომპონენტების (17 კრედიტი) კომბინირებით არანაკლებ 240 კრედიტის შესრულების შემთხვევაში

Bachelor of Architecture

Basic specialty in educational program will be given (223 credits) and free components (17 credits) in combine with no less than 240 credits.

The language of teaching

Georgian

Precondition for admission to the program

The applicant, having the state certificate certifying the full general education or the equivalent document, has the right to study at the bachelor' program, the applicant will be interviewed by the Special Commission of Architecture, Urban and Design faculty, where he will present his own graphic works (sketches and drawings) and will be enrolled according to the rules established by the legislation of Georgia.

The date of the interview will be posted on the GTU website.

Description of the program

The program is designed according to ECTS system, 1 credit is equal to 25 hours, which means contact and independent work hours. Credit distribution is presented in the subject load of the program.

Educational program continues 4 years. One academic year is unity of semesters and among them the period of rest, which does not exceed 12 continuous calendars month. It includes an average of 60 (ECTS) credits. The academic year is consists of two semesters. The semester in turn is a time period, which includes the unity of study weeks and period of examination. Also one intermediate exam. One semester consists of 20 weeks, out of these 15 educational weeks (auditory studies), 4 examination weeks (final and additional exams), and also one week for intermediate examination. One semester includes an average 30 credits. Duration of concrete semester is determined in order issued by the Rector on "Semester Training Schedule".

Evaluation of the student's learning outcome level each component of the program includes interim and final assessment. Evaluation of each form and component from evaluation of the overall score (100 points) defined has the specific part in the final assessment, particularly, final exam 40 points (Minimum positive point for final evaluation is 10), and maximum point of the interim assessment - 60. In addition, intermediate assessment includes 2 components: intermediate exam and assessment of the current activity (Testing, practical / theoretical performing homework, activity on the seminar, performance of crooks, etc.). Midterm exam assessment necessary component is, maximum 30, minimum positive assessment 7,5. The maximum assessment of current activity is 30, minimum total positive assessment - 15 points.

The program consists of 240 credits and includes 223 credits of major subjects, from which 6 credits are devoted to foreign language component, optional humanitarian subjects - 3 credits, optional technical subjects - 3 credits, specialty optional subjects - 30 credits, of which 23 credits are taught in the first and second semesters of the fourth year , presented by three main directions of Architecture - Architecture, Urban and Environmental Design – I n the last semester of the study, within the block of the selected subjects , the student performs the bachelor's project. The program includes optional free components (14 courses, total 63 credits), the student should have 6 credits in VI semester, 5 credits in VII semester and 6 credits in VIII semester.

The purpose of the program

The purpose of the program is to prepare to prepare the specialist with spatial and creative thinking and equip the student with the knowledge of basics and essence of architecture, the principles of its development, the main principles and methods of projecting, the student will able to conduct practical architectural activity under the guidance of the person having the right and experience of independent practical activity, which implies projecting of urban construction, buildings their interior and design objects.

Outcomes/competences (general and sectoral)

Knowledge and understanding

After completion of the course the student will: Knowledge and understanding of basic concepts of general sciences and complex issues.

Have extensive specialized theoretical and practical knowledge in the field of architecture. be aware of the specificities of professional activity in urban construction, volumetric architecture, environment design and interior; possess the knowledge of the laws on color harmony and composition; apprehend the teaching courses having impact on spatial thinking and the sense of proportion; have the apprehension and knowledge of history and theory of architecture, visual arts, natural –climate factors, issues connected with cultural heritage, all the fields closely linked with architectural projecting; have the knowledge the professional methods of visualization of the projecting material; have knowledge of the theories and methods of projecting; have the knowledge of different constructions, material quality and building methods; have the apprehension of social context to create architectural environment; have the knowledge of the impact of the external factors on the buildings and the principles ecological stability; have the knowledge of applying new technologies in construction and apprehension of their evolution; apprehend the systems of technical service and safety of transportation and engineering communications.

Ability to use knowledge in practice

After completion of the course the student will be able to: Determine the expediency of the use of some distinctive methods and use them to solve problems.

Solve abstract problems creatively using a wide range of cognitive and practical skills based on multilateral and specialized theoretical and practical knowledge in the field of architecture; To project and act on the basis of historical and cultural precedents in local and world architecture considering the natural-climate, city building, functional , aesthetic and technical requirements and the specificities of ergonomics and the compositional laws as well. act on the basis of the gained knowledge considering the factors of fine arts as the affecting factor on the quality of the architectural project. develop architectural projects, draw, model, make sketches under the guidance of the person having the right to conduct practice activities independently on the basis of applicable legislative acts and normative rules.

Making judgments

after completion of the course the student will be able to: The use of data and / or situations analysis using the standard and some distinctive methods, formulating conclusions.

Recognize distinct problems in the field of architecture, analyze them using standard methods and make a reasonable conclusion; identify the essential problems of architecture; analyze the data, situations, constructive, technical, technological and other engineering problems related to logical thinking, and form a reasonable conclusion applying idealistic, logical, emotional, and aesthetic

argumentation.

Communication Skill

After completion of the course the student will be able to: Modern information and communication technologies to creatively use.

deliver personal opinion consistently, creatively, structurally to the specialists and non-specialists both in native and foreign languages; to convey own ideas and the written description of the projects to the specialists and non-specialists laconically and clearly; convey professional information to specialists and non-specialists orally; present and defend the project in public; present and make adequate influence through visual communication of ideas (sketches, maquette, mechanic and electronic graphics).

Ability to learn

After completion of the course the student will be able to: Define own teaching directions considering existing priorities in changeable situations; evaluate own learning process consistently and multilaterally, define further need for learning, define own learning direction with the purpose of enhancing professional education.

Values

After completion of the course the student will: Scientific, general, moral, aesthetic, socio-cultural values, and proper assessment of the phenomenon of Georgian culture.

Have knowledge of the values relevant to the principles of architecture, will be able to share the principles and value to others; be able to take part in the process of value formation and strive to apply them; observe the norms under the Code of Ethics of the Union of Copyright, the Union of International Architects UIA , and the Union of Architects of Georgia.

Methods of achieving learning outcomes (teaching and learning)

Lecture Seminar (team working) Practice Laboratory Practice
 Course paper/project Consultation Independent work

Based on the specific course of study in the learning process, the relevant below listed activities of the teaching-learning methods are used, which are reflected in the relevant training courses (syllabus):

Based on the specific course of study in the learning process, the relevant below listed activities of the teaching-learning methods are used, which are reflected in the relevant training courses (syllabus):

1. Discussion / debate are one of the most common activities of interactive teaching. Discussion process increases the quality and activity of students' engagement. Discussion can be turned into arguments and this process is not limited to the questions asked by the teacher. It develops the ability of the student to reason and justify their opinion.
2. Cooperative learning is a learning strategy when each member of the group is obliged not only to examine himself but also to help his/her team-mate to study the subject better. Each member of the group works on the problem, until all of them master the issue.
3. Collaborative work – By using this activity, teaching implies division of the students' group and assignment of teaching tasks to them. The group members individually work on the issue and in parallel share their opinions with other members of the group. Due to the set objective, it is possible to divide the functions among the members during the group's working process. This strategy provides all students maximum engagement in the learning process.
4. Problem based learning is an activity which uses a specific problem as the initial stages of obtaining new knowledge and integration process.
5. Case study - the teacher will discuss concrete cases with the students, and study the issue

thoroughly. For example, in the safety of engineering, it can be a case of a particular accident or disaster, in the political science - concrete, for example, the Karabakh problem (Armenia-Azerbaijan conflict) analysis and etc.

6. Brain storming – this activity implies to form and promote radically different opinion, idea on concrete issue/problem. This activity contributes to the development of a creative approach to the problem. Its application is effective in case of a large number of students and consists of several main stages:
 - Problem / issue determination in a creative perspective;
 - In a certain period of time, without criticism, note the ideas expressed by the listeners (mainly on the board);
 - Determination of assessment criteria to determine the establish the conformity of the idea with the aim of the research;
 - Assessment of selected ideas with predetermined criteria;
 - By process of elimination, distinguish those ideas that are most relevant to the issue.
 - Demonstration of the highest evaluation idea as the best way to solve the set problem.
7. Role and situational games – games that are fulfilled according to predefined scenario allow students to look at the issue differently. It helps them to develop an alternative viewpoint. Like discussions, these games also formulate the student's ability to express and protect his/her position independently.
8. Implication. It is quite effective in terms of achieving the result. In many cases, it is better to provide the students with audio and visual materials simultaneously. The study material can be demonstrated by both the teacher and the student. This activity helps us to demonstrate different levels of learning material, to specify what students will have to do independently; at the same time, this strategy visually reflects the essence of the topic/ problem. Demonstration may be simple.
9. Induction is such a form of transmitting any knowledge when the process of thinking in the course of the study is directed towards generalization, in other words when delivering the material the process is going from concrete to general.
10. Deduction is such a form of transmitting any knowledge, which based on general knowledge represents logical process of discovering new knowledge in other words, the process is going from general to concrete.
11. Analysis helps us to divide the study material into constituent parts. This will simplify the detailed coverage of individual issues within a difficult problem.
12. The synthesis implies the composition of one whole by grouping individual issues. This activity contributes to the development of the problem to be seen as a whole.
13. Verbal or orally transmitted. Narration, talking and so forth belong to this activity. In this process the teacher orally transmittes and explaines study material and the students actively perceive and learn it through listening, remembering and thinking.
14. The script implies the following activities: making extracts, records, notes, theses, abstract or essay and other.
15. Explanation is based on the discussion on the issue. The teacher gives a concrete example from the material, which is discussed in detail within the given topic.
16. Action-oriented training requires active involvement of the teacher and student in the teaching process, where the practical interpretation of theoretical material is of special significance.
17. Project planning and presentation. When working on the project, the student uses the acquired knowledge and skills to solve the real problem. This increases students' motivation

and responsibility. Working on the project includes planning, surveying, practical activity and the performance of the results in accordance with the selected issue. The project will be deemed implemented if its results are presented in a clear and convincing way. It can be performed individually, in couples or in groups; also within a subject or within a few subjects (integration of the subjects); after completion, the project can be presented to a big audience.

Student knowledge assessment system

Grading system is based on a 100-point scale.

Positive grades:

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

Negative grades:

- (FX) - Did not pass - 41-50 points of rating, which means that the student needs more work to pass and is given the right to take the exam once more with independent work;
- (F) – Failed - 40 points and less, which means that the work carried out by the student is not enough and he/she has to learn the subject from the beginning.

Field of employment

- Local self-government (permission, regulation and controlling) bodies;
- Architectural projecting and design studios;
- Architectural-constructing and development companies;
- Historical-cultural heritage protection services and foundations;
- Companies providing measurement activities.

Opportunity to continue learning

Master's Educational Programs

Human and material resources necessary for the implementation of the program

The program is provided with appropriate human and material resources. For more information see attached syllabus.

Number of attached syllabus: 103

Program subject load

№	Subject	Precondition of admit	ECTS Credits			
			I Year	II Year	III Year	IV Year
			Semester			

			I	II	III	IV	V	VI	VII	VIII
1	Elements of Linear Algebra and Calculus	does not have	5							
2	Descriptive Geometry	does not have	3							
	Foreign language (elective)									
3	English for Technical Specialities - 1	does not have	3							
	Russian for Technical Specialities - 1	does not have								
	German for Technical Specialities – 1	does not have								
	French for Technical Specialities - 1	does not have								
4	Introduction to Architecture and Basics Architectural Graphics	does not have	6							
5	The Basics of Architectural Composition	does not have	4							
6	Drawing - Simple Forms	does not have	4							
7	History of Architecture 1	does not have	5							
8	Geodesy in architecture	does not have		4						
	Foreign language (elective)									
9	English for Technical Specialities - 2	English for Technical Specialities - 1	3							
	Russian for Technical Specialities - 2	Russian for Technical Specialities - 1								
	German for Technical Specialities – 2	German for Technical Specialities - 1								
	French for Technical Specialities - 2	French for Technical Specialities - 1								
10	Architectural Planning Basics. The Practice of Measuring	Introduc. to Architecture and Basics Architectural Graphics	3							
11	Architectural Graphics	does not have	3							
12	The Spatial Volume Composition	does not have	3							
13	Enter in Plastic Architectural Modeling	does not have	3							
14	Drawing and Plastics	Drawing - Simple Forms	5							
15	History of Architecture 2	History of Architect. 1	3							
	Elective subjects N1 (humanitarian)									
16	The basics of philosophy	does not have	3							
	Introduction to Sociology	does not have								
	Academic Writing Elements	does not have								
	Introduction to Psychology	does not have								

	History of Georgia	does not have								
	Culture and modernity	does not have								
	The Modern Language of Communications Technologies	does not have								
17	Architectural Informatics	does not have			5					
18	Drawing and Painting	Drawing - Simple Forms			4					
19	History of Architecture 3	History of Architect. 2			4					
20	The Standard Design - Legal Basis	does not have			3					
21	Theoretical Basics of City Planning	does not have			3					
22	The Basics of Ergonomics	does not have			3					
23	Architectural Project 1	does not have			5					
	Elective Subjects N2 (Specialty)									
24	Architectural Modeling	Enter in Plast. Architectural Modeling			3					
	Graphics	Drawing - Simple Forms								
	Sculpture	Drawing - Simple Forms								
	Computer Aided Design	does not have								
	Current Architectural Discourse and the City	does not have								
	Architectural Discourse and Design	does not have								
	Textiles and Accessories Architectural Design	does not have								
25	Water supply and Sewerage	does not have			3					
26	Architectural Material Science	does not have			3					
	Elective Subjects N3 (Specialty)									
27	Design of Public Complexes	Architectural Project 1			4					
	The City Planning Aspects of Landscape Architecture	Theoretical Basics of City Planning								
	Social-Cultural Fundamentals of Urban Development	does not have								
	Advertising and Illuminated Signs	does not have								
	Architectural Discourse and Interior	does not have								
	Epoch and Style in Interior	does not have								
	Principles of Designing Energy Efficient Buildings	does not have								
28	Architectural Project 2	Architectural Project 1			5					

29	Urban Planning project 1	Theoretical Basics of City Planning				5			
30	Design of Interior 1	does not have				5			
31	Environmental Design 1	does not have				5			
32	Contemporary Problems of Art and Architecture	does not have					3		
33	Basis for Labor Protection	does not have					3		
34	Constructions in Architecture 1	does not have					3		
35	Architectural Project 3	Architectural Project 2					5		
36	City, Transport and Urban Construction Project 2	Theoretical Basics of City Planning					6		
37	Design of Interior 2	Design of Interior 1					5		
38	Environmental Design 2	Environmental Design 1					5		
39	Constructions in Architecture 2	Construct. in Architecture 1						4	
40	Architectural Project 4	Architectural Project 3						5	
41	Urban Planning project 3	City, Transp. and Urban Construction Project 2						5	
42	Design of Interior 3	Design of Interior 2						5	
43	Environmental Design 3	Environmental Design 2						5	
44	Constructions in Architect 3	Constructions in Architect 2							4
45	Architectural Physics - Energy efficiency of buildings, Climatology, Insolation	does not have							5
46	Architectural Project 5	Architectural Project 4							5
47-48	Elective Subjects Blocks: 1. Subjects Blocks 1 - Architecture 2. Subjects Blocks 2 - Urban Planning 3. Subjects Blocks 3 - Environmental Design								
47.1	Buildings Reconstruction. Regeneration, Adaptation	Architectural Project 1							
47.2	Landscape Architecture	Theoretical Basics of City Planning							6
47.3	Environmental Design	Environmental Design 1; Design of							

		Interior 1								
48.1	Architecture of Residential and Public Buildings	does not have								
48.2	Bases of City Building Ecology	Theoretical Basics of City Planning							5	
48.3	Chromatics	does not have								
49	Architectural Physics - Lighting, Acoustics	does not have								4
50	Architectural Project 6	Architectural Project 5								5
	Elective Subjects N4 (Technical)									
51.1	Engineering Structures	does not have								
51.2	Heat and Gas Supply and Ventilation	does not have								
51.3	Architecture and Constructions of Buildings	Constructions in Architect 3								3
51.4	Space Design and Construction Technologies	does not have								
51.5	Economy and Organization the Designing and Construction	does not have								
52-53	Elective Subjects Blocks: 1. Subjects Blocks 1 - Architecture 2. Subjects Blocks 2 - Urban Planning 3. Subjects Blocks 3 - Environmental Design									
52.1	Architectural Discourse Themes in International Architecture	History of Architecture 3								
52.2	Urban (urban planning) Reconstruction	Theoretical Basics of City Planning								5
52.3	Innovation Materials in Architectural Design	does not have								
53.1	Bachelors Project (Architecture)	Architectural Project 5								
53.2	Bachelor Project (Urban Planning)	Theoretical Basics of City Planning								7
53.3	Bachelor Project (Environmental Design)	Environmental Design 1								
54-56	Free Components									
54	Archeological Architecture and Restoration of Monuments	does not have							3	
	Poetics of Architecture	does not have								
	Introduction to History of Art	does not have								
	History of Georgian Architecture	does not have							3	
	History of the Earth	does not have								

55	Planting and Decor	does not have							
	Materials of Textile Products	does not have							
	Leather Goods Design Fundamentals (Anthropometry)	does not have							
	Georgian National Costumes of Traditional and Modern Technologies for Processing	does not have						5	
	Accessories Artistic and Technical Planning	does not have							
	Construction Project Management	does not have							
56	Furniture Design	does not have							
	Volumetric Modeling	does not have							6
	3D Modeling	does not have							
Per semester			30	30	30	30	30	30	30
Per year			60	60	60	60	60	60	60
Total			240						

Map of learning outcomes

Nº	Subject	Knowledge and understanding	Ability to use knowledge in practice	Making judgments	Communication skill	Ability to learn	Values
1	Elements of Linear Algebra and Calculus	+	+			+	
2	Descriptive Geometry	+	+			+	
3	English for Technical Specialities - 1	+	+		+	+	
	Russian for Technical Specialities - 1	+	+		+	+	
	German for Technical Specialities – 1	+	+		+	+	
	French for Technical Specialities - 1	+	+		+	+	
4	Introduction to Architecture and Basics Architectural Graphics	+	+	+	+	+	+
5	The Basics of Architectural Composition	+	+	+			
6	Drawing - Simple Forms	+	+		+		+
7	History of Architecture 1	+	+	+	+		
8	Geodesy in architecture	+	+	+			
9	English for Technical Specialities - 2	+	+		+	+	
	Russian for Technical Specialities - 2	+	+		+	+	
	German for Technical Specialities – 2	+	+		+	+	
	French for Technical Specialities - 2	+	+		+	+	
10	Architectural Planning Basics. The Practice of Measuring	+	+	+	+	+	+
11	Architectural Graphics	+	+	+			
12	The Spatial Volume Composition	+	+	+	+		
13	Enter in Plastic Architectural Modeling	+	+				
14	Drawing and Plastics	+	+		+		+
15	History of Architecture 2	+		+	+	+	
16	The basics of philosophy	+	+				+
	Introduction to Sociology	+	+	+			+
	Academic Writing Elements	+	+		+		
	Introduction to Psychology	+	+		+		
	History of Georgia	+	+	+	+		
	Culture and modernity	+	+				+
	The Modern Language of Communications Technologies	+	+		+		
17	Architectural Informatics	+	+	+	+	+	
18	Drawing and Painting	+	+		+		+
19	History of Architecture 3	+		+	+	+	
20	The Standard Design - Legal Basis	+	+	+		+	
21	Theoretical Basics of City Planning	+		+	+	+	

22	The Basics of Ergonomics	+	+	+			
23	Architectural Project 1	+	+	+	+		
24	Architectural Modeling	+	+				
	Graphics	+	+		+		+
	Sculpture	+	+		+		+
	Computer Aided Design	+	+	+	+	+	
	Current Architectural Discourse and the City	+		+	+		
	Architectural Discourse and Design	+	+		+	+	
	Textiles and Accessories Architectural Design	+	+	+		+	
25	Water supply and Sewerage	+	+	+		+	
26	Architectural Material Science	+	+	+		+	
27	Design of Public Complexes	+	+	+	+		
	The City Planning Aspects of Landscape Architecture	+	+		+	+	+
	Social-Cultural Fundamentals of Urban Development	+		+	+	+	+
	Advertising and Illuminated Signs	+	+	+	+	+	
	Architectural Discourse and Interior	+	+		+	+	
	Epoch and Style in Interior	+	+			+	+
	Principles of Designing Energy Efficient Buildings	+			+	+	+
28	Architectural Project 2	+	+	+	+		
29	Urban Planning project 1	+	+		+	+	+
30	Design of Interior 1	+	+	+		+	
31	Environmental Design 1	+	+	+	+	+	
32	Contemporary Problems of Art and Architecture	+	+	+	+		
33	Basis for Labor Protection	+	+				
34	Constructions in Architecture 1	+	+	+	+	+	
35	Architectural Project 3	+	+	+	+		
36	City, Transport and Urban Construction Project 2	+	+	+	+	+	
37	Design of Interior 2	+	+	+		+	
38	Environmental Design 2	+	+	+	+	+	
39	Constructions in Architecture 2	+	+	+	+	+	
40	Architectural Project 4	+	+	+		+	
41	Urban Planning project 3	+	+		+	+	+
42	Design of Interior 3	+	+				
43	Environmental Design 3	+	+	+			
44	Constructions in Architect 3	+	+	+		+	
45	Architectural Physics - Energy efficiency of buildings, Climatology, Insolation	+			+	+	+
46	Architectural Project 5	+	+	+	+	+	
47	Buildings Reconstruction. Regeneration, Adaptation	+	+	+			+
	Landscape Architecture	+	+		+	+	+
	Environmental Design	+	+	+	+	+	
48	Architecture of Residential and Public Buildings	+	+	+	+	+	
	Bases of City Building Ecology	+	+				+
	Chromatics	+	+	+	+		

49	Architectural Physics - Lighting, Acoustics	+			+	+	+
50	Architectural Project 6	+	+	+			+
51	Engineering Structures	+	+	+			
	Heat and Gas Supply and Ventilation	+	+	+			
	Architecture and Constructions of Buildings	+	+	+	+	+	
	Space Design and Construction Technologies	+	+				+
	Economy and Organization the Designing and Construction	+	+	+			
52	Architectural Discourse Themes in International Architecture	+	+	+	+		+
	Urban (urban planning) Reconstruction	+	+		+	+	
	Innovation Materials in Architectural Design	+	+	+		+	
53	Bachelors Project (Architecture)	+	+	+	+	+	+
	Bachelor Project (Urban Planning)	+	+	+	+	+	+
	Bachelor Project (Environmental Design)	+	+	+	+	+	+
54	Archeological Architecture and Restoration of Monuments	+	+	+		+	+
	Poetics of Architecture	+		+			+
	Introduction to History of Art	+		+	+	+	
	History of Georgian Architecture	+	+	+	+	+	+
	History of the Earth	+	+	+			
55	Planting and Decor	+	+		+	+	
	Materials of Textile Products	+	+	+		+	
	Leather Goods Design Fundamentals (Anthropometry)	+	+	+		+	
	Georgian National Costumes of Traditional and Modern Technologies for Processing	+	+	+			+
	Accessories Artistic and Technical Planning	+	+	+			+
	Construction Project Management	+	+	+			
56	Furniture Design	+	+	+			
	Volumetric Modeling	+	+				
	3D Modeling	+	+	+	+	+	

Program curriculum

№	Subject code	Subject	ECTS Credit/Hours	Hours								
				Lecture	Seminar (work in the group)	Practical classes	Laboratory	Practice	Course work/project	Mid-semester exam	Final exam	Independent work
1	MAS34308G1	Elements of Linear Algebra and Calculus	5/125	15		30				1	2	77
2	EET70105G1	Descriptive Geometry	3/75	15		15				1	1	43
3	LEH14412G1	English for Technical Specialities - 1	3/75			30				1	1	43

	LEH14612G1	Russian for Technical Specialities - 1	3/75			30				1	1	43
	LEH15012G1	German for Technical Specialities – 1	3/75			30				1	1	43
	LEH14812G1	French for Technical Specialities - 1	3/75			30				1	1	43
4	AAC10206G1	Introduction to Architecture and Basics Architectural Graphics	6/150	10		30			20	2	2	86
5	AAC10306G1	The Basics of Architectural Composition	4/100	12		18				2	2	66
6	ART30106G1	Drawing - Simple Forms	4/100			75				2	2	21
7	HEL20606G1	History of Architecture 1	5/125	30	15					1	1	78
8	PHS40303G1	Geodesy in architecture	4/100	9			9	40		1	1	40
9	LEH14512G1	English for Technical Specialities - 2	3/75			30				1	1	43
	LEH14712G1	Russian for Technical Specialities - 2	3/75			30				1	1	43
	LEH15112G1	German for Technical Specialities – 2	3/75			30				1	1	43
	LEH14912G1	French for Technical Specialities - 2	3/75			30				1	1	43
10	AAC10406G1	Architectural Planning Basics. The Practice of Measuring	3/75			30		30		1	1	13
11	AAC10506G1	Architectural Graphics	3/75			30				1	1	43
12	AAC10606G1	The Spatial Volume Composition	3/75			30				1	1	43
13	AAC10706G1	Enter in Plastic Architectural Modeling	3/75	15					15	2	2	41
14	ART30306G1	Drawing and Plastics	5/125			90				2	2	31
15	HEL20706G1	History of Architecture 2	3/75	15	15					1	1	43
16	HEL30212G1	The basics of philosophy	3/75	15	15					1	1	43
	SOS40312G1	Introduction to Sociology	3/75	15	15					1	1	43
	LEH12112G1	Academic Writing Elements	3/75	15	15					1	1	43
	SOS30312G1	Introduction to Psychology	3/75	15	15					1	1	43
	HEL20212G1	History of Georgia	3/75	15	15					1	1	43
	SOS40112G1	Culture and modernity	3/75	15	15					1	1	43
	LEH12012G1	The Modern Language of Communications Technologies	3/75	15	15					1	1	43
17	ICT16006G1	Architectural Informatics	5/125	15			30			1	1	78
18	ART30206G1	Drawing and Painting	4/100			75				2	2	21
19	HEL20806G1	History of Architecture 3	4/100	15	15					1	1	68
20	AAC11006G1	The Standard Design - Legal Basis	3/75	15	15					1	1	43
21	AAC20106G1	Theoretical Basics of City Planning	3/75	15					15	2	2	41
22	AAC60706G1	The Basics of Ergonomics	3/75	15		15				1	1	43
23	AAC11206G1	Architectural Project 1	5/125			30			15	2	2	76
24	AAC10806G1	Architectural Modeling	3/75	15					15	2	2	41
	ART30406G1	Graphics	3/75			60				2	2	11
	ART31206G1	Sculpture	3/75			60				2	2	11
	ICT16106G1	Computer Aided Design	3/75				30			1	1	43
	HEL21006G1	Current Architectural Discourse and the City	3/75	15	15					1	1	43
	AAC60606G1	Architectural Discourse and Design	3/75	15	15					1	1	43
	AAC70106G1	Textiles and Accessories Architectural Design	3/75	5					25	1	1	43
25	AAC48901G1	Water supply and Sewerage	3/75	15		15				1	1	43
26	EET89901G1	Architectural Material Science	3/75	15			15			1	1	43
27	AAC11806G1	Design of Public Complexes	4/100			30				1	1	68
	AAC50106G1	The City Planning Aspects of Landscape Architecture	4/100	15					15	2	2	66
	AAC20306G1	Social-Cultural Fundamentals of Urban Development	4/100	15	15					1	1	68
	AAC60906G1	Advertising and Illuminated Signs	4/100	15					15	2	2	66

	AAC70206G1	Architectural Discourse and Interior	4/100	15	15					1	1	68
	AAC70306G1	Epoch and Style in Interior	4/100	15	15					1	1	68
	AAC12406G1	Principles of Designing Energy Efficient Buildings	4/100	15					15	1	2	67
28	AAC11306G1	Architectural Project 2	5/125			30			15	2	2	76
29	AAC20606G1	Urban Planning project 1	5/125			30			15	2	2	76
30	AAC70406G1	Design of Interior 1	5/125	15					30	2	2	76
31	AAC61006G1	Environmental Design 1	5/125	15					30	2	2	76
32	AAC11106G1	Contemporary Problems of Art and Architecture	3/75	30						1	1	43
33	HHS20303G1	Basis for Labor Protection	3/75	15			15			1	1	43
34	AAC12506G1	Constructions in Architecture 1	3/75	15					15	1	1	43
35	AAC11406G1	Architectural Project 3	5/125			30			15	2	2	76
36	AAC20706G1	City, Transport and Urban Construction Project 2	6/150	15	15				30	2	2	86
37	AAC70506G1	Design of Interior 2	5/125						45	2	2	76
38	AAC61106G1	Environmental Design 2	5/125						45	2	2	76
39	AAC12606G1	Constructions in Architecture 2	4/100	15					15	1	1	68
40	AAC11506G1	Architectural Project 4	5/125			30			15	2	2	76
41	AAC20806G1	Urban Planning project 3	5/125			30			15	2	2	76
42	AAC70606G1	Design of Interior 3	5/125			15			30	2	2	76
43	AAC61206G1	Environmental Design 3	5/125						45	2	2	76
44	AAC12706G1	Constructions in Architect 3	4/100	15					15	2	2	66
45	PHS53206G1	Architectural Physics - Energy efficiency of buildings, Climatology, Insolation	5/125	15			24		6	1	2	77
46	AAC11606G1	Architectural Project 5	5/125			30			15	2	2	76
47	AAC11906G1	Buildings Reconstruction. Regeneration, Adaptation	6/150	15		15		30		2	2	86
	AAC50206G1	Landscape Architecture	6/150	15		30			15	2	2	86
	AAC61306G1	Environmental Design	6/150					10	50	2	3	85
48	AAC12006G1	Architecture of Residential and Public Buildings	5/125	15					30	1	1	78
	AAC20506G1	Bases of City Building Ecology	5/125	15		15			15	2	2	76
	AAC60106G1	Chromatics	5/125	15					30	1	2	77
49	PHS53306G1	Architectural Physics - Lighting, Acoustics	4/100	9		6	3		12	1	2	67
50	AAC11706G1	Architectural Project 6	5/125			30			15	2	2	76
51	AAC84101G1	Engineering Structures	3/75	15		15				1	1	43
	AAC90301G1	Heat and Gas Supply and Ventilation	3/75	15		15				1	1	43
	AAC12806G1	Architecture and Constructions of Buildings	3/75	15					15	1	1	43
	AAC30301G2	Space Design and Construction Technologies	3/75	15	15					1	1	43
	BUA75601G1	Economy and Organization the Designing and Construction	3/75	15		15				1	1	43
52	HEL21106G1	Architectural Discourse Themes in International Architecture	5/125	30					15	1	1	78
	AAC20406G1	Urban (urban planning) Reconstruction	5/125	15	30					1	1	78
	AAC61406G1	Innovation Materials in Architectural Design	5/125	15	30					1	1	78
53	AAC12306G1	Bachelors Project (Architecture)	7/175						75	6	6	88
	AAC20206G1	Bachelor Project (Urban Planning)	7/175						75	6	6	88

	AAC60806G1	Bachelor Project (Environmental Design)	7/175						75	6	6	88
54	HEL21206G1	Archeological Architecture and Restoration of Monuments	3/75	15	15					1	1	43
	AAC12106G1	Poetics of Architecture	3/75	15		15				1	1	43
	HEL20906G1	Introduction to History of Art	3/75	15	15					1	1	43
	HEL24906G1	History of Georgian Architecture	3/75	15	15					1	1	43
	PHS30103G1	History of the Earth	3/75	15	15					1	1	43
55	AAC60206G1	Planting and Decor	5/125	15					30	1	2	77
	MAP30106G1	Materials of Textile Products	5/125	15		15	15			1	1	78
	MAP30206G1	Leather Goods Design Fundamentals (Anthropometry)	5/125	15			30			1	1	78
	MAP30306G1	Georgian National Costumes of Traditional and Modern Technologies for Processing	5/125	15		30				1	1	78
	MAP30406G1	Accessories Artistic and Technical Planning	5/125	15		30				1	1	78
	BUA75701G1	Construction Project Management	5/125	15		30				1	1	78
56	ART20206G1	Furniture Design	6/150	15					45	1	1	88
	AAC10906G1	Volumetric Modeling	6/150	15					45	1	1	88
	ICT16206G1	3D Modeling	6/150				60			1	1	88

Program Principle

Nugzar Khvedeliani

Faculty of Architecture, Urban Planning and Design
Head of Quality Assurance Service

Nino Khabeishvili

Dean of the Faculty

Nino Imnadze

Approved by

Faculty of Architecture, Urban Planning and Design
At the meeting of Faculty Board
03.07.2012
Chairman of the Faculty Board

Agreed with

Quality Assurance Service of GTU

Irma Inashvili

Modified by

Faculty of Architecture, Urban Planning and Design
At the meeting of Faculty Board (N30)
29.03.2018
Chairman of the Faculty Board

Nino Imnadze