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საქართველოს ტექნიკური უნივერსიტეტი
GEORGIAN TECHNICAL UNIVERSITY

Master's Educational Program

Name of the program

არქიტექტურა
Architecture

Faculty

არქიტექტურის, ურბანისტიკის და დიზაინის ფაკულტეტი
Faculty of Architecture, Urban Planning and Design

Program Supervisor

Professor (invited) Levan Beridze

Qualification to award

არქიტექტურის მაგისტრი არჩეული სამაგისტრო თემატიკის შესაბამისი სპეციალიზაციით: • არქიტექტურის მაგისტრი შენობა–ნაგებობათა არქიტექტურის და ურბანული დაგეგმარების სპეციალიზაციით;   • არქიტექტურის მაგისტრი ლანდშაფტური არქიტექტურის სპეციალიზაციით;   • არქიტექტურის მაგისტრი გარემოს დიზაინის სპეციალიზაციით;   • არქიტექტურის მაგისტრი ინტერიერის დიზაინის სპეციალიზაციით.   *მიენიჭება საგანმანათლებლო პროგრამის არანაკლებ 120 კრედიტის შესრულების შემთხვევაში*   Master of Architecture in the specialization relevant to the selected them: • Master of Architecture in the specialization of Architecture and Urban Planning;   • Master of Architecture in the specialization of Landscape Architecture;   • Master of Architecture in the specialization of Environmental Design;   • Master of Architecture in the specialization of Interior Design.   *In case of implementation of no less than 120 credits of the educational program*

The language of teaching

Georgian

Precondition for admission to the program

A person with a an academic degree Bachelor or equivalent degree has the right to study in a master's degree, Which will be based on the results of the Masters Exams (General Masters Exam and exam / exams defined by GT). Examination issues / tests will be placed on the website of the GTU Teaching Department

http://www.gtu.ge/study/index.php At least one month before the exams start. Enrollment in the program without passing the master's exams is possible in accordance with Georgian legislation.

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 2 Years (4 semesters) and ends graduate master's degree thesis. One semester consists of 20 weeks, 15 study weeks (educational studies), exam 4 week (Final and additional exams), also one midterm exam week.

One academic year is semester unity. And including the rest period, which does not continuous exceed 12 calendars. It includes an average of 60 (ECTS) credits. The academic year is consists of two semesters. The semester in turn a period of time, this includes the unity of study weeks and period of examination. Also one intermediate exam. One semester consists of 20 weeks, out of these educational 15 weeks (auditory studies), 4 examination weeks (final and additional exams), and also one week for intermediate examination. One semester includes of 30 credits an average.

The total volume of the program is 120 credits, which will be distributed as follows: study component (educational courses) – 75 credits and research component (master research project/prospectus 5 credits, theoretical/experimental research/colloquium 10 credit, completion of the qualification work and presentation)-45 credits; during the academic year – 60 credits, in each semester – 30 credits.

In the program study component the student's learning outcome evaluation level includes midterm and final assessment. Each form and component of evaluation from the overall point of the evaluation (100 point) defined has the specific part in the final assessment, particularly, final exam 40 points (minimum positive point for final evaluation is 20), and maximum point of the interim assessment - 60. In addition, intermediate assessment includes 2 components: intermediate exam and current activity assessment (testing, practical / theoretical performing homework, activity on the seminar and etc.). Midterm exam assessment necessary component is, maximum 30, minimum positive assessment 15. The maximum assessment of current activity is 30, minimum total positive assessment - 15 points.

Evaluation of the research component happens once, with the final assessment. Maximum assessment 100 points, minimum positive assessment 51. Main part of finally work is research component, which represents independent graduate research. Qualification work is evaluated by 100 points and it is necessary to presented in public, which evaluates the examination commission comprising 5-7 members.

The program consists of 120 credits and includes 5 master thematics : "Architecture of Buildings," Urban Planning, "Landscape Architecture", "Environmental Design", "Interior Design".
All the students enrolled to the master's program "Architecture", regardless of the directions they wish to continue their studies, in the first and second semester of the course the students study 3 general subjects, these are the elective courses of foreign languages (English, Russian, German, French) - "Business Communication" and "Theory and Practice of Field Text Translation" and "

Entrepreneurial and Technological Innovation Management "(total- 15 credits).At the same time the student studies other subjects envisaged by the teaching component within the framework of the desired direction: In the direction of "Architecture of buildings and constructions„ there are 10 compulsory and one selective teaching course(total -60 credits) In master' program thematic "Urban Planning "there are still 10 compulsory and one selective course (total-60 credits); In Master's program directions "landscape architecture" and "environmental design" there are 9-9 compulsory courses (total- 60-60 credits);There are 8 compulsory courses in the direction of master's program "interior Design(total -60 credits). As a result, the student notwithstanding the master's program direction collects totally 75 credits through the study component (60 credits of major speciality and 15credits of general subjects).

For the purpose of accumulating 120 credits, the student is pursuing a research component according to the selected master's thematic, these are: Master's Research Project / Prospectus (I-II Semester - 5 credits),theoretical / experimental research / colloquium (II course I semester - 10 credits) and completion and defense of master thesis (II course II semester - 30 credits).

 In case the student chooses and successfully completes the master's program:"Architecture of buildings and constructions" or "Urban planning" is awarded the qualification of master in architecture with the specialization in Architecture of Buildings and Constructions and Urban Planning.

"Landscape architecture" -the qualification - Master of architecture with landscape architecture specialization."Environmental design -"qualification - Master of Architecture with specialization of environmental design; "Interior Design" ----the Master of Architecture with specialization of interior design.

The master's program "Architecture" is in compliance with the Georgian Technical University's Regulations on Magistracy.
Georgian Technical University's Regulations on Master's Degree is available at the University website, address:
http://gtu.ge/Study-Dep/Files/Pdf/mag_debuleba_2017_SD.pdf
The Masters Educational Program Rule of evaluation of the component is given at the university website:
http://gtu.ge/Study-Dep/Files/Pdf/mag_deb_dan4_80217_SD.pdf

The purpose of the program

The purpose of the Educational Program: is to prepare the professionals whose main realm of activities will cover practical and scientific research activities in the field of architecture. The professional will have the ability to take part independently in improving architectural environment, project architectural objects and project realization.

Learning Outcomes and Competences (General and Sectoral)

1.Specialization – Architecture and Urban Planning

Knowledge and understanding
After completion of the course the students will have:
profound knowledge of architectural activities, formation of city planning structure, urban planning, ecological and urban reconstruction designs, giving an opportunity to understand innovative ideas and solutions to solve individual problems; knowledge and understanding of the adjacent fields and specific methodology having impact on architectural and city planning projection;
Ability to use knowledge in practice
After completion of the course the students will have:

the ability to use original methods of solving problems in the structure of city planning in multidisciplinary environment; the ability to conduct independently the process of projecting applying the latest methods of urban construction ecology; to create architectural works through architectural language and means by applying the principles of sustainable development.

Making judgments

After completion of the course the students will have:

The ability to derive grounded conclusions based on the critical analysis of the latest information and logical thinking in the field of Architecture and Urbanistics, considering architectural, aesthetic, ecological, urban planning, engineering and technical aspects. The ability to make decisions on the basis of data systematization in the process of architectural activity through relevant criteria and principles.

Communication Skill

After completion of the course the students will have: the ability to 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 students will have: the ability to   define own teaching directions considering existing priorities in changeable situations; evaluate own learning process consistently and multylaterally, define further need for learning, define own learning direction with the purpose of enhansing professional education.

Values

The 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 .

2. Specialization – Landscape Architecture
Knowledge and understanding

After completion of the course the students will have: profound systemic knowledge of problematic issues of landscape designing, formation of city planning structure and problematic issues of urban construction ecology, enabling the development of new ideas and understanding of the original ways of solving individual problems;

The knowledge and understanding of specific areas of landscape design, landscape designing and phytodermage and spatial technologies and their specific specifications.

Ability to use knowledge in practice

After completion of the course the students will have: The ability to making decisions through the elaboration of appropriate criteria and principles based on systematization of data in the process of landscape design. The ability to manage the design process independently using the latest methods and approaches; the ability to create architectural works by architectural language and methods of landscape architecture.

Making judgments

After completion of the course the students will have: The ability to derive grounded conclusions based on the critical analysis of the latest information and logical thinking in the field of Landscape Architecture, considering architectural, aesthetic, ecological, urban planning aspects.

Communication Skill

After completion of the course the students will have: the ability to 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 students will have: The ability to analyze the peculiarities of the learning process and strategic planning; on the basis of creative and innovative activities, consistently and independently conduct their own learning process. The ability to define own learning direction with the purpose of enhansing professional education.

Values
After completion of the course the student will:
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 .

3. Specialization: – Environmental Design

Knowledge and understanding
After completion of the course the students will have:
profound knowledge of problematic issues organizing and design of urban space ,
knowledge and understanding of the adjacent fields and specific methodology having impact on urban planning projection and elaborating new ideas to solve different problems;

Ability to use knowledge in practice
After completion of the course the student will be able to: Make decision through the elaboration of appropriate criteria and principles based on systematization of data in the design of organizational urban space; manage the design process independently using the latest methods and approaches; create architectural works with appropriate means of design planning.

Making judgments
After completion of the course the students will have: The ability to derive grounded conclusions based on the critical analysis of the latest information and logical thinking in the field of Environment Design considering architectural, aesthetic, ecological, urban planning aspects.

Communication Skill
After completion of the course the students will have: the ability to 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 students will have: The ability to analyze the peculiarities of the learning process and strategic planning; on the basis of creative and innovative activities, consistently and independently conduct their own learning process. The ability to define own learning direction with the purpose of enhansing professional education.

Values
After completion of the course the student will:
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.

4. Specialization – Interior Design

Knowledge and understanding
: after completion of the course the students will have: profound systemic knowledge of various stylistic trends and their peculiarities of interiors, enabling the development of new ideas and understanding of the original ways of solving individual problems.

Ability to use knowledge in practice
After completion of the course the students will have: The ability to search for new and original ways of solving complex problems in designing different constructions and style interiors, including the latest methods and approaches;

Making judgments
After completion of the course the students will have: To derive grounded conclusion based on the information being characteristic to interiors of various types, considering the latest research and critical analysis in this field.

Communication Skill
After completion of the course the students will have: the ability to 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 students will have : The ability to analyze the peculiarities of the learning process and strategic planning; on the basis of creative and innovative activities, consistently and independently conduct their own learning process. The ability to define own learning direction with the purpose of enhansing professional education.

Values
After completion of the course the students will have : 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 (work in group) ☒ Practical ☒ Laboratory ☒ practice ☒ Course paper / project ☒ Master's paper ☒ 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):

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;
- Mass media and advertising companies;
- Higher education institutions and specialized schools.

Opportunity to continue learning

Doctoral 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 syllables: 64

Program Study Load

№		Precondition of admit	ECTS Credits	
			I Year	II Year

		Course Title		Semester			
				I	II	III	IV
1		**Elective (Foreign language) 1**					
1.1		Business Communication (English)	does not have	5			
1.2		Business Communication (French)	does not have				
1.3		Business Communication (German)	does not have				
1.4		Business Communication (Russian)	does not have				
2		**Elective (Foreign language) 2**					
2.1		Theory and Practice of Specialized Translation (English)	does not have		5		
2.2		Theory and Practice of Specialized Translation (Franch)	does not have				
2.3		Theory and Practice of Specialized Translation (German)	does not have				
2.4		Theory and Practice of specialized Translation (Russian)	does not have				
3		Management of Entrepreneurial and Technological Innovations	does not have	5			
		Per semester		**10**	**5**		
		Total:		**15**			
4-14		**Master Tematic: "Architecture of buildings and structures"**					
4		Structure architecture of modern habitation	does not have	5			
5		Architectural Project 1	does not have	5			
6		Architecture of buildings for sustainable development	does not have	5			
7		Buildings Reconstruction–Restorations	does not have	5			
8		Architectural Physics and Architecture	does not have		5		
9		Semiotics of Culture and Practice in Architecture	does not have		5		
10		Architectural Project 2	Architectural Project 1		6		
11		Architectural-Constructive Systems of High-Rise Buildings	does not have		4		
12		Theory and Practice of Architecture, Research-Generalization	does not have			5	
13		Architectural Project 3	Architectural Project 2			10	
14		**Elective subjects N1**					
14.1		Eco Architecture	does not have				
14.2		Spatial Architectural Structures	Architecture of buildings for sustainable development			5	
14.3		Architectural Bionics	Architectural Physics and Architecture				
14.4		Architectural Structures of Sustainable Development of Buildings	Architecture of buildings for sustainable development				

14.5	Principles of Designing High-Rise Buildings	does not have				
14.6	Computer Modeling of Bionics Form	does not have				
	Per semester		20	20	20	
	Total:			60		
15-25	Master Tematic: "Urban Planning"					
15	Urban Ecology, City and Ecological Problems	does not have	5			
16	Urban Structure Formation of the City	does not have	5			
17	Town Planning and Architectural Physics Climatology	does not have	5			
18	City Planning Reconstruction and Ecollogical Transport Problems	does not have	5			
19	Interrelation of a Urbanistic and natural landscape terrytories	Urban Ecology, City and Ecological Problems		7		
20	City Projecting (dwelling region of small city)	Urban Structure Formation of the City		7		
21	Urban and the Volume-Spatial Reconstruction Project of the City's Historical Quarter (Reconstruction of the Secret)	does not have		6		
22	Ecological Steadiness of a City Territory	does not have			6	
23	City Projecting (Reconstruction in Center of the City)	City Projecting (dwelling region of small city)			6	
24	The Urban Reconstruction Project in Historical Environment	Urban and the Volume-Spatial Reconstruction Project of the City's Historical Quarter (Reconstruction of the Secret)			5	
25	Elective subjects N2					
25.1	The System "Human-Natural Environment" Methodical Questions of Development	Urban Ecology, City and Ecological Problems				
25.2	Aesthetic Issues of Urban Theory	Urban Structure Formation of the City				
25.3	Complex Reconstruction Principles of Historic Environment	The Urban Reconstruction Project in Historical Environment			3	
25.4	Computer Design of the urbanized Environment	does not have				
	Per semester		20	20	20	
	Total:			60		

26-34	**Master Tematic: "Landscape architecture"**					
26	Urban Problems of Landscape design	does not have	5			
27	Landscape Architecture History - Basic Styles and Directions	does not have	5			
28	Landscape Design: Designing of City Recreational Spaces	does not have	10			
29	Main Principles of City Greening	does not have		5		
30	Decorative Dendrology and Plant Composition Issues	does not have		5		
31	Landscape and Ecological Problems of Tbilisi Within Soviet and Post Soviet Periods	does not have		10		
32	Landscape Design: Architectural-Landscape Reconstruction of the Central Part of the City	Landscape Architecture History - Basic Styles and Directions			10	
33	Landscape Design: Reconstruction of the Historical Garden	Landscape Design: Designing of City Recreation. Spaces			5	
34	Floristic and Phytodesign	does not have			5	
	Per semester		20	20	20	
	Total:			60		
35-43	**Master Tematic: "Environmental Design"**					
35	Design the Organization of Urban Environment	does not have	10			
36	Colours of the City	does not have	5			
37	Furniture and Ergonomics	does not have	5			
38	Principles and Methods of Environmental Design 1	Design the Organization of Urban Environm.		10		
39	Small Architectural Forms	does not have		5		
40	Outdoor Advertising and Night Lighting	does not have		5		
41	Principles and Methods of Environmental Design 2	Principles and Methods of Environmental Design 1			10	
42	3D Modeling Environment Design	does not have			5	
43	Photo and Video Art	does not have			5	
	Per semester		20	20	20	
	Total:			60		
44-50	**Master Tematic: "Interior Design"**					
44	Modeling of an 3D Interior	does not have	10			
45	Style and Stylistics in Interior	does not have	5			
37	Furniture and Ergonomics	does not have	5			
46	Interior of Residential Buildings	does not have		10		

47	Textiles in an Interior	does not have		5		
48	Color and Texture in the Interior	does not have		5		
49	Design of an Interior of Public Buildings	does not have			10	
50	Planning of Industrial Building Interior	does not have			10	
		Per semester	20	20	20	
		Total:		60		
	Research Component:					
1	Master Research Project / Prospectus	does not have			5	
2	Theoretical / experimental research / colloquium	Master Research Proj./Prospectus			10	
3	Accomplishment and Defense of Master's Thesis	All mandatory study and research component				30
		Total per semester:	30	30	30	30
		Total per year:	60		60	
		Total:		120		

Map of learning outcomes

№	Course Title	Knowledge and understanding	Ability to use knowledge in practice	Making judgments	communication skill	ability to learn	Values
1	Business Communication (English)	+	+		+	+	+
	Business Communication (French)	+	+		+	+	+
	Business Communication (German)	+	+		+	+	+
	Business Communication (Russian)	+	+		+	+	+
2	Theory and Practice of Specialized Translation (English)	+	+	+	+		
	Theory and Practice of Specialized Translation (Franch)	+	+	+	+		
	Theory and Practice of Specialized Translation (German)	+	+	+	+		
	Theory and Practice of specialized Translation (Russian)	+	+	+	+		
3	Management of Entrepreneurial and Technological Innovations	+	+			+	
4	Structure architecture ofmodern habitation	+	+	+	+		
5	Architectural Project 1	+	+	+		+	+
6	Architecture of buildings for sustainable development	+			+	+	+
7	Buildings Reconstruction–Restavration	+	+	+			+
8	Architectural Physics and Architecture	+			+	+	+
9	Semiotics of Culture and Practice in Architecture	+		+		+	+
10	Architectural Project 2	+	+	+		+	+
11	Architectural-Constructive Systems of High-Rise Buildings	+	+	+	+	+	
12	Theory and Practice of Architecture, Research-	+	+	+	+		+

	Generalization						
13	Architectural Project 3	+	+	+		+	+
	Eco Architecture	+	+	+	+		
	Spatial Architectural Structures	+	+	+	+	+	
	Architectural Bionics	+			+	+	+
14	Architectural Structures of Sustainable Development of Buildings	+	+	+	+	+	
	Principles of Designing High-Rise Buildings	+			+	+	+
	Computer Modeling of Bionics Form	+	+	+		+	
15	Urban Ecology, City and Ecological Problems	+	+			+	+
16	Urban Structure Formation of the City	+	+	+			+
17	Town Planning and Architectural Physics Climatology	+			+	+	+
18	City Planning Reconstruction and Ecollogical Transport Problems	+	+		+	+	+
19	Interrelation of a Urbanistic and natural landscape terrytories	+	+			+	+
20	City Projecting (dwelling region of small city)	+	+			+	
21	Urban and the Volume-Spatial Reconstruction Project of the City's Historical Quarter (Reconstruction of the Secret)	+	+	+	+		
22	Ecological Steadiness of a City Territory	+	+			+	+
23	City Projecting (Reconstruction in Center of the City)	+	+			+	
24	The Urban Reconstruction Project in Historical Environment	+	+	+	+	+	
25	The System "Human-Natural Environment" Methodical Questions of Development	+	+			+	+
	Aesthetic Issues of Urban Theory	+		+	+		
	Complex Reconstruction Principles of Historic Environment	+	+		+	+	+
	Computer Design of the urbanized Environment	+	+		+		
26	Urban Problems of Landscape design	+	+		+	+	+
27	Landscape Architecture History - Basic Styles and Directions	+	+	+	+	+	+
28	Landscape Design: Designing of City Recreational Spaces	+	+	+	+		
29	Main Principles of City Greening	+	+		+	+	+
30	Decorative Dendrology and Plant Composition Issues	+	+	+			
31	Landscape and Ecological Problems of Tbilisi Within Soviet and Post Soviet Periods	+	+		+	+	+
32	Landscape Design: Architectural-Landscape Reconstruction of the Central Part of the City	+	+		+	+	+
33	Landscape Design: Reconstruction of the Historical Garden	+	+		+	+	+
34	Floristic and Phytodesign	+	+		+	+	
35	Design the Organization of Urban Environment	+	+	+	+	+	+
36	Colours of the City	+	+	+	+	+	+
37	Furniture and Ergonomics	+	+	+			
38	Principles and Methods of Environmental Design 1	+	+	+	+	+	+
39	Small Architectural Forms	+	+	+			+
40	Outdoor Advertising and Night Lighting	+	+	+	+		
41	Principles and Methods of Environmental Design 2	+	+	+	+	+	+
42	3D Modeling Environment Design	+	+	+		+	
43	Photo and Video Art	+	+		+		
44	Modeling of an 3D Interior	+	+	+		+	
45	Style and Stylistics in Interior	+	+			+	+
46	Interior of Residential Buildings	+	+	+		+	
47	Textiles in an Interior	+	+	+			
48	Color and Texture in the Interior	+	+		+	+	

49	Design of an Interior of Public Buildings	+	+	+		+	
50	Planning of Industrial Building Interior	+	+				
Research Component:							
1	Master Research Project / Prospectus	+	+	+	+	+	+
2	Theoretical / experimental research / colloquium	+	+	+	+	+	+
3	Accomplishment and Defense of Master's Thesis	+	+	+	+	+	+

Program curriculum

№	Course code	Course Title	ESTS credits / hours	Lecture	Seminar (work in the group)	Practical classes:	Laboratory	Practice	Course paper / project	Mid-semester exam	Final exam	Independent work
1	LEH12412G1	Business Communication (English)	5/125			45				2	2	76
	LEH12212G1	Business Communication (French)	5/125			45				2	2	76
	LEH12612G1	Business Communication (German)	5/125			45				2	2	76
	LEH12812G1	Business Communication (Russian)	5/125			45				2	2	76
2	LEH12512G1	Theory and Practice of Specialized Translation (English)	5/125	15		30				2	2	76
	LEH12312G1	Theory and Practice of Specialized Translation (Franch)	5/125	15		30				2	2	76
	LEH12712G1	Theory and Practice of Specialized Translation (German)	5/125	15		30				2	2	76
	LEH12912G1	Theory and Practice of specialized Translation (Russian)	5/125	15		30				2	2	76
3	BUA36402G1	Management of Entrepreneurial and Technological Innovations	5/125	15			30			1	2	77
4	AAC14206G1	Structure architecture ofmodern habitation	5/125	15					30	1	1	78
5	AAC14306G1	Architectural Project 1	5/125			30			15	1	1	78
6	AAC14406G1	Architecture of buildings for sustainable development	5/125	15	30					2	1	77
7	AAC14506G1	Buildings Reconstruction–Restavration	5/125	6		15		24		2	2	76
8	PHS67506G1	Architectural Physics and Architecture	5/125	15			30			2	1	77
9	AAC14606G1	Semiotics of Culture and Practice in Architecture	5/125	15		30				1	1	78
10	AAC14706G1	Architectural Project 2	6/150				45		15	1	1	88
11	AAC14806G1	Architectural-Constructive Systems of High-Rise Buildings	4/100	5					25	1	1	68
12	AAC14906G1	Theory and Practice of Architecture, Research-Generalization	5/125	15	30					2	2	76
13	AAC15006G1	Architectural Project 3	10/250			45			30	2	2	171
14	AAC15106G1	Eco Architecture	5/125	15	30					1	1	78
	AAC15206G1	Spatial Architectural Structures	5/125	15					30	1	1	78
	AAC15306G1	Architectural Bionics	5/125	15	30					2	1	77

#	Code	Course									
	AAC15406G1	Architectural Structures of Sustainable Development of Buildings	5/125	15				30	1	1	78
	AAC15506G1	Principles of Designing High-Rise Buildings	5/125	15				30	2	1	77
	ICT10806G2	Computer Modeling of Bionics Form	5/125			45			1	1	78
15	AAC21006G1	Urban Ecology, City and Ecological Problems	5/125	15		30			1	1	78
16	AAC21106G1	Urban Structure Formation of the City	5/125	15	30				1	1	78
17	PHS67606G1	Town Planning and Architectural Physics Climatology	5/125	15		30			2	1	77
18	AAC21206G1	City Planning Reconstruction and Ecollogical Transport Problems	5/125	15	30				2	2	76
19	AAC21306G1	Interrelation of a Urbanistic and natural landscape terrytories	7/175	15		45			1	1	113
20	AAC21406G1	City Projecting (dwelling region of small city)	7/175			30		30	1	1	113
21	AAC21506G1	Urban and the Volume-Spatial Reconstruction Project of the City's Historical Quarter (Reconstruction of the Secret)	6/150	15		45			1	1	88
22	AAC21606G1	Ecological Steadiness of a City Territory	6/150	15		45			1	1	88
23	AAC21706G1	City Projecting (Reconstruction in Center of the City)	6/150			30		30	1	1	88
24	AAC21806G1	The Urban Reconstruction Project in Historical Environment	5/125			45			1	1	78
25	AAC21906G1	The System "Human-Natural Environment" Methodical Questions of Development	3/81	15		15			1	1	43
	AAC22006G1	Aesthetic Issues of Urban Theory	3/81	15	15				1	1	43
	AAC22106G1	Complex Reconstruction Principles of Historic Environment	3/81	15	15				1	1	43
	ICT10906G2	Computer Design of the urbanized Environment	3/81			30			1	1	43
26	AAC50406G1	Urban Problems of Landscape design	5/125	15	30				2	2	76
27	AAC50506G1	Landscape Architecture History - Basic Styles and Directions	5/125	15		30			1	1	78
28	AAC50606G1	Landscape Design: Designing of City Recreational Spaces	10/250	15		30		30	2	2	171
29	AAC50706G1	Main Principles of City Greening	5/125	15	30				2	2	76
30	AAC50806G1	Decorative Dendrology and Plant Composition Issues	5/125	15	30				1	1	78
31	AAC50906G1	Landscape and Ecological Problems of Tbilisi Within Soviet and Post Soviet Periods	10/250	30		15		30	2	2	171
32	AAC51006G1	Landscape Design: Architectural-Landscape Reconstruction of the Central Part of the City	10/250	22	8	45			1	1	173
33	AAC51106G1	Landscape Design: Reconstruction of the Historical Garden	5/125	15		30			2	2	76
34	AAC51206G1	Floristic and Phytodesign	5/125	6				39	1	1	78

#	Code	Name									
35	AAC61506G1	Design the Organization of Urban Environment	10/250	5				70	2	2	171
36	AAC61606G1	Colours of the City	5/125	15				30	2	2	76
37	ART22006G1	Furniture and Ergonomics	5/125					45	1	1	78
38	AAC61706G1	Principles and Methods of Environmental Design 1	10/250					75	1	1	173
39	AAC61806G1	Small Architectural Forms	5/125	10				35	2	2	76
40	AAC61906G1	Outdoor Advertising and Night Lighting	5/125	6				39	2	2	76
41	AAC62006G1	Principles and Methods of Environmental Design 2	10/250					75	1	1	173
42	ICT11006G2	3D Modeling Environment Design	5/125				45		1	1	78
43	ART22106G1	Photo and Video Art	5/125			45			1	1	78
44	ICT11106G2	Modeling of an 3D Interior	10/250				75		1	1	173
45	AAC71006G1	Style and Stylistics in Interior	5/125	15	30				1	1	78
46	AAC71206G1	Interior of Residential Buildings	10/250					75	1	1	173
47	AAC71106G1	Textiles in an Interior	5/125	5				40	1	1	78
48	AAC71306G1	Color and Texture in the Interior	5/125	10	35				2	2	76
49	AAC71406G1	Design of an Interior of Public Buildings	10/250					75	1	1	173
50	AAC71506G1	Planning of Industrial Building Interior	10/250			30		45	1	1	173

Program Supervisor　　　　　　　　　　　　　　　　Levan Beridze

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