



საქართველოს ტექნიკური უნივერსიტეტი  
GEORGIAN TECHNICAL UNIVERSITY

Approved by  
Academic Council of GTU  
2012 5 September  
Order № 740

Modified  
on 28/April/2023  
by Order № 01-05-04/60

## Master's Educational Program

### Title of the Program

დიზაინი

Design

### Faculty

დიზაინის საერთაშორისო სკოლა

International Design School

### Program Supervisor/ Supervisors

Professor Nicholas Shavishvili

### Qualification to be Awarded, and the Number of Credits in the Program

Master of Arts in Design,

To be awarded after passing a minimum of 120 ECTS credits of an educational program.

### Teaching Language

English

### Admission Prerequisites to the Program

The right to study in the master's educational program is granted to an applicant who holds a bachelor's or an equivalent academic degree and successfully passes an interview before a special commission, during which she/he verbally substantiates personal motivation to study in the program and presents own graphic works (paintings/drawings/computer design).

2. The applicant will be enrolled based on the results of the masters' entry exams (general masters' exam and specialization exam determined by GTU). The specialization exam is conducted in one of the computer programs (Autodesk, Graphisoft, Adobe) that shall be used to create a design work in front of the exam commission created by the GTU Rector's order. Exam questions/tests will be posted on the



website of the Study Department of STU <https://gtu.ge/Study-Dep/> at least one month before the start of the exams.

3. The applicant must present a certificate of at least B2 level of English language proficiency, or certification level II (B2 of the European testing system ALTE) or international certificate TOEFL (The Test of English as a Foreign Language). The applicant is free to submit a certificate confirming his/her competence, if he/she has completed a general or higher education in English. In the absence of a certificate or other similar document, the applicant is obliged to successfully pass an English-language interview hold by a temporary commission consisting of working specialists of the GTU with an appropriate profile.

Enrollment in the program without passing the master's exams is possible according to the rules established by the Georgian legislation.

<https://gtu.ge/Eng/international-students/how-apply.php>

### Program Description

Master Educational English Language program "Design" is a two-year program. It comprises a range of courses in the humanities, social and technical Sciences. The program include learning courses and final master thesis.

The program is based on the ECTS system, 1 credit is equal to 25 hours, which includes both contact and independent work hours. The distribution of credits is presented in the subject load of the program. The duration of the program is 2 years (4 semesters) and ends with the defense of the qualification thesis. One academic year is a combination of 2 semesters. It comprises 60 (ECTS) credits. One semester includes 30 credits. The duration of a specific semester is determined by the order issued by the Rector "On the Semester Study Schedule". The total volume of the program is 120 credits, which are distributed as follows: 80 credits are allocated to the study component (study courses), 15 credits of which are elective study courses (5 credits in the first semester of study, 5 credits in the second semester, 5 credits in the third semester. In 2nd and the 3rd semesters, the student chooses a workshop in the direction of industrial or digital design and completes a corresponding project. 10 credits are allocated to design practice. 30 credits are allocated to the research component of the program (Accomplishment and Defense of Master's Thesis). The research component is completed in the form of a master's thesis, which is evaluated once. The "Design" program is in compliance with the regulations of the Georgian Technical University on the Magistracy. The regulations of the Georgian Technical University on the master's degree are available on the university's website

### Program Objective

- To prepare a designer with deep, systematic knowledge of the field of design, equipped with critical thinking and professional skills, competitive for the labor market, focused on the development of creative ideas and effective decision-making, who will have a solid foundation for the development of innovative and original ideas;
- The graduate should develop the ability to search for new, original ways of designing solutions to complex problems in an unfamiliar or multidisciplinary environment and/or independently carry out research, critical analysis, arguments of own conclusions, and the ability to present research results in compliance with ethical standards;



- To create a solid foundation for graduates to independently conduct further study/research and/or professional knowledge and practice development.

### Learning Outcomes/Competences (general and professional)

1. Describes the main concepts, theories, latest trends and technological methods/solutions of the design project;
2. Discusses in-depth the main stages of development of existing concepts and technologies in the field of design;
3. Defines the processes of creating and selling a designer product.
4. Independently explores new approaches and makes optimal decisions in the process of developing design projects;
5. Presents the research results (project/work/product) to both the professional and the general public, based on the analysis of the obtained information, using modern information and communication technologies.
6. Provides the optimal ratio of utilitarian and aesthetic, technical and human, collective and individual in design projects;
7. Manages the design project/work and creates the product using the latest methods and technologies.
8. Adheres to professional ethics and academic standards, develops his own abilities while working in the field of design, in the study or work environment.
9. Makes independent decisions considering the interests of the consumer when working in the field of design.

### Methods of Achieving Learning Outcomes (Teaching - Learning)

- Lecture  Seminar (working in groups)  Practical class  Laboratory  Practice  
 Course work/project  Consultation  Independent work

Based on the specifics of course, the appropriate methods and appropriate activities listed below are employed, reflected in the relevant academic courses (syllabi): Discussion/debates, Cooperative teaching, Collaborative work, Problem-based learning (PBL), Heuristic, Case study, Brainstorming, Role-playing games and simulations, Demonstration, Inductive, Deductive, Analytical, Synthetic, Verbal or oral, Written, Explanatory, Activity-oriented teaching, Designing and presenting a project.



## Student Knowledge Assessment System

Grading system is based on a 100-point scale.

Positive grades:

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

Negative grades:

- (FX) - Did not pass - grades between 41-50 points, which means that the student is required to work more to pass and is given the right, after independent work, to take one extra exam;
- (F) - Failed - 40 points and less, which means that the work carried out by the student did not bring any results and he/she has to learn the subject from the beginning.

The evaluation of the level of achievement of the student's learning outcome in each educational component of the program includes intermediate and final evaluation. Each evaluation form and component has a specific share in the final evaluation from the total evaluation score (100 points), namely, the maximum score of the final exam is 40 (the minimum positive score of the final evaluation is 21), and the maximum score of the intermediate evaluation is 60.

The research component is evaluated once with a 100-point system.

In case of acceptance of FX in the educational program component, GTU is obliged to schedule an additional exam. The mark obtained in the additional exam is not added to the mark obtained in the final assessment. This obligation does not apply to the master's thesis.

Before submitting the master's thesis to the defense, the master's student, together with the master's thesis, must submit to the dean a written conclusion of the supervisor, as well as a statement - with a request to check the presence of plagiarism in the master's thesis.

The rules for evaluating the research component of the master's educational program are given on the university's website:

<https://gtu.ge/Study-Dep/Forms/Regulations.php>

Additional information is provided in the "Instructions for managing the educational process at the Technical University of Georgia", which is available on the website:

<https://gtu.ge/Study-Dep/Forms/Forms.php>

## Sphere of Employment

- Publishing houses and packaging companies
- Media companies
- Advertising agencies
- Design companies
- Consulting design organizations
- Architecture and design project studios;
- Manufacturers of consumer products and capital goods.
- Individual activity
- Independent ownership and management of a design company;



### Potential for Further Education

Doctoral Educational Programs

### Human and Material Resources Required to Implement the Program

The Program is backed by the appropriate human and material resources. For more information, see the attached documentation.

Number of Attached Syllabuses: 17

### Courses in the Program

№	Learning and Research Component	Course Prerequisites	ECTS Credits			
			I Year		II Year	
			Semester			
			I	II	III	IV
1	Critical Studies in Design	None	5			
2	Innovation Studio	None	10			
3	The Future of Sustainable Development	None				
4	Sustainability and Built Environment	None	5			
5	Workshop 1	None	5			
6	English for Business Communications	None	5			
7	Building a Portfolio	None		5		
8	Management for Design	None		5		
9	User-Centered Studio	Innovation Studio		10		
10	Workshop 2	Workshop 1		5		
11	Spécialized Interior Workshop 1	None		5		
12	Specialized Industrial/Digital Workshop 1	None				
13	Usability in Design	User-Centered Studio			5	
14	Specialized Interior Workshop 2	Specialized Interior Workshop 1				
15	Specialized Industrial/Digital Workshop 2	Specialized Industrial/Digital Workshop 1			5	
16	Sustainable Studio	User-Centered Studio			10	
17	Work Placement	User-Centered Studio; Management for Design; Workshop 2			10	
18	Master's Thesis	Compulsory courses				30
<b>per semester:</b>			<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
<b>per year:</b>			<b>60</b>		<b>60</b>	
<b>Total:</b>			<b>120</b>			



## Program Curriculum

№	Course Identification Code	Learning Course	ECTS Credit/Hours	Hours									
				Lecture	Seminar (teamwork)	Practical classes	Laboratory	Practice	Course work/project	Mid-semester exam	Final exam	Independent work	
1	SOS41509E1-SK	Critical Studies in Design	5		15					30	1	1	78
2	ART11509E1-K	Innovation Studio	10							120	2	2	126
3	ENV10509E1-LS	The Future of Sustainable Development	5	15	30						2	2	76
4	ENV10609E1-LS	Sustainability and Built Environment	5	15	30						2	2	76
5	ART17509E1-P	Workshop 1	5			45						3	77
6	LEH16309E1-P	English for Business Communications	5	15		30					1	1	78
7	JOI17009E1-P	Building a Portfolio	5	15		30					1	1	78
8	BUA53309E1-LP	Management for Design	5		15	30					1	1	78
9	ART11609E1-K	User-Centered Studio	10							120	2	2	126
10	ART17609E1-P	Workshop 2	5			45						3	77
11	ART17709E1-P	Specialized Interior Workshop 1	5			45						3	77
12	ART17809E1-P	Specialized Industrial/Digital Workshop 1	5			45						3	77
13	OS41709E1-LS	Usability in Design	5	15		30					1	1	78
14	ART17909E1-P	Specialized Interior Workshop 2	5			45						3	77
15	ART18009E1-P	Specialized Industrial/Digital Workshop 2	5			45						3	77
16	ART21409E1-K	Sustainable Studio	10							120	2	2	126
17	ART21309E1-R	Work Placement	10						150			2	98

Program Supervisor/Supervisors

Nicholas Shavishvili

Head of Quality Assurance Service  
of the International Design School

Malkhazi Razmadze

Dean of the International Design School

Nicholas Shavishvili

**Agreed with**

Quality Assurance Service of GTU

David Makhviladze

**Approved by**

The International Design School Council  
At the Session of 27/ April/ 2023

Chairman of the International Design School Council

Nicholas Shavishvili