RĪGAS TEHNISKĀ UNIVERSITĀTE

Reģ.Nr.90000068977, Ķīpsalas iela 6A, Rīga, LV-1048, Latvija

Tālr.:67089999; Fakss:67089710, e-pasts:rtu@rtu.lv, www.rtu.lvwww.rtu.lv

Study programme "Architecture"

Main attributes

Title	Architecture
Identification code	AGA0
Education classification code	47581
Level and type	Professional Master (Second Cycle) Studies
Higher education study field	Architecture and Civil Engineering
Head of the study field	Uģis Bratuškins
Deputy head of the study field	Lana Migla
Department responsible	Institute of Architecture and Design
Head of the study programme	Uģis Bratuškins
Professional classification code	2161 01
The type of study programme	Full time
Language	Latvian, English
Accreditation	16.11.2022 - 17.11.2028; Accreditation certificate No 2022/31-A
Volume (credit points)	120.0
Duration of studies (years)	Full time studies - 2,0
Degree or/and qualification to be obtained	Professional master degree of engineering science in architecture / architect
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF); the 7th level of professional qualification
Programme prerequisites	Bachelor degree in architecture and urban planning, or comparable education

Description

Abstract	Master's Professional Study Programme "Architecture" is the second of the two successive educational programs, which together provide education and training required for independent professional practice in architecture in line with international and national standards. Implemented in RTU the study programmes in architecture (BA + MA) are internationally recognized as complying with the requirements of the Directive 2005/36/EC, amended by the Directive 2013/55/EC of the European Parliament and of the Council of 7 September 2005 on the recognition of professional qualifications and Architect's Diploma issued by Riga Technical University is notified in the Annex 5 and 6 of the Directive.
Aim	The study programme is aimed at providing students with the knowledge and skills necessary for practical work under the guidance of a certified architect, as well as in the framework of established procedure to apply for independent practice rights in accordance with international and national requirements: - UNESCO/UIA Charter for Architectural Education, - Directive 2005/36/EC, amended by the Directive 2013/55/EC on the recognition of professional qualifications, - Rules No 194 of the Cabinet of Ministers as of 21st May 2002 on “Minimum requirements for the educational programmes leading to the professional qualification of architect”, - Rules No 461 of the Cabinet of Ministers as of 18st May 2010 on “Rules on Standard Classification of Occupations, basic tasks that comply with the occupation and basic demands of qualification and the procedure of application and updating of the Standard Classification of Occupations”.
Tasks	The tasks of the study programme: - to provide students with the necessary theoretical knowledge about the principles of creating architectural designs that satisfy both aesthetic and technical requirements; - to ensure adequate knowledge of the history and theory of architecture and the related arts, technologies and humanities, as well as preservation and prevention of the cultural historical environment; - to provide knowledge of fine arts as an influence on the quality of architectural design; - to ensure adequate knowledge of urban design, planning and the skills involved in the planning process; - to provide an understanding of the relationship between people and buildings, and between buildings and environment, and of the need to relate buildings and the spaces between them to human needs and the choice of adequate scale; - to provide an understanding of the profession of architect and the role of the architect in society, in particular the social factors; - to provide an understanding of the methods of investigation and preparation of the brief for a design project; - to provide an understanding of the structural design, constructional and engineering problems associated with building design; - to ensure adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with comfortable internal conditions and protection against the climate in the framework of sustainable development; - to provide the necessary design skills to meet the requirements of building contracting authority within the constraints imposed by cost factors and building regulations; - to ensure adequate knowledge of the industries, organizations, regulations and procedures involved in the implementation of design concepts into buildings and integrating plans into overall planning.

Learning outcomes	The study programme graduates: - are able to create architectural designs that satisfy both aesthetic and technical requirements; - have adequate knowledge of the history and theory of architecture and the related arts, technologies and humanities; - have knowledge of fine arts as an influence on the quality of architectural design; - have adequate knowledge of urban design, planning and the skills involved in the planning process; - understand the relationship between people and buildings, and between buildings and environment, and of the need to relate buildings and the spaces between them to human needs and the choice of adequate scale; - understand the profession of architect and the role of the architect in society, in particular the social factors; - understand the methods of investigation and preparation of the brief for a design project; - understand the structural design, constructional and engineering problems associated with building design; - have adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with comfortable internal conditions and protection against the climate, in the framework of sustainable development; - have the necessary design skills to meet the requirements of building contracting authority within the constraints imposed by cost factors and building regulations; - have adequate knowledge of the industries, organizations, regulations and procedures involved in the implementation of design concepts into buildings and integrating plans into overall planning.
Final/state examination procedure, assessment	Master's Thesis with the Integrated Diploma Project, defended at the public meeting of the State Examination Commission.
Description of the future employment	Architect, Certified Architect.
Special enrollment requirements	English language proficiency equivalent to at least CEFR B2 level.
Opportunity to continue studies	Studies at doctoral level study programmes.

Courses

No	Code	Name	Credit points
A		**Compulsory Study Courses**	**30.0**
1	AD0134	Contemporary Architecture	3.0
2	AD0131	Architecture of Latvia	3.0
3	AD0031	Architectural Design Studio	5.0
4	AD0125	Sustainable Urban Development	3.0
5	BM0638	Building Climate Systems in Architecture	3.0
6	BM0637	Structural Systems	3.0
7	BM0639	Architectural Acoustics	3.0
8	AD0127	Principles of Design Planning and Management	3.0
9	IV0001	Basics of Labour Protection	1.0
10	AD0133	Historical Building Fabric and Conservation Methods	3.0
B		**Compulsory Elective Study Courses**	**9.0**
1	AD0128	Architectural Morphology and Researh Methods	3.0
2	AD0126	Conservation of Historical Buildings	3.0
3	AD0135	Architecture of Regional Landscape	3.0
4	AD0124	Interior Architecture	3.0
5	AD0129	Integrated Urban Design	3.0
C		**Free Elective Study Courses**	**3.0**
D		**Practical Placement**	**39.0**
1	AD0130	Practical Placement	39.0
E		**Final Examination**	**39.0**
1	AD0132	Master Thesis with Integrated Diploma Project	39.0