RĪGAS TEHNISKĀ
UNIVERSITĀTE

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Study programme "Architecture"

Main attributes

Title	Architecture
Identification code	ABA0
Education classification code	43581
Level and type	Academic Bachelor (First Cycle) Studies
Higher education study field	Architecture and Civil Engineering
Head of the study field	Uģis Bratuškins
Deputy head of the study field	Juris Smirnovs
Department responsible	Institute of Arhitecture and Design
Head of the study programme	Uģis Bratuškins
Professional classification code	
The type of study programme	Full time
Language	Latvian
Accreditation	16.11.2022 - 17.11.2028; Accreditation certificate No 2022/31-A
Volume (credit points)	140.0
Duration of studies (years)	Full time studies - 3,5
Degree or/and qualification to be obtained	Bachelor degree of engineering science in architecture and urban planning / –
Qualification level to be obtained	The 6th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Secondary education

Description

Abstract	Study programme is the first of the two successive study programmes that together meet the requirements set by the international and national regulations on the access to profession of an architect. Implemented in RTU the study programmes in architecture (BA + ARH) are internationally recognized as complying with the requirements of the Directive 2005/36/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 basic knowledge and skills needed for engagement in practical work under the guidance of a certified architect or continuing studies at the professional (European Master) level, in accordance with international and national regulations: * UNESCO/UIA Charter for Architectural Education, * Rules No 264 of the Cabinet of Ministers as of 23rd May 2017 on "Rules on Standard Classification of Occupations, basic tasks that comply with the occupation and basic demands of qualification".
Tasks	The tasks of the study programme: - to teach students the ability to create architectural designs that satisfy both aesthetic and technical requirements; - to ensure overall knowledge of the history and theory of architecture and the related arts, technologies and humanities; - to ensure overall knowledge of fine arts as an influence on the quality of architectural design; - to provide basic knowledge of urban design, planning and the skills involved in the planning process; - to ensure overall 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 ensure overall understanding of the profession of architect and the role of the architect in society, in particular, the social factors; - to ensure a basic understanding of the methods of investigation and preparation of the brief for a design project; - to provide an overall understanding of the structural design, constructional and engineering problems associated with building design; - to provide basic 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; - 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 a basic knowledge of the industries, organisations, regulations and procedures involved in the implementation of design concepts into buildings and integrating plans into overall planning.

Learning outcomes	Graduates of the study programme: - are capable to work out aesthetically and technically adequate sketches of single-function residential and public buildings; - have overall knowledge of art and architecture history and theory of architecture and the related arts, technologies and humanities, as well as in heritage conservation and protection guidelines; - have artistic skills which affect the quality of architectural design; - are familiar with the basics of Territorial Planning and Urban Design; - are familiar with mutual interaction between people and buildings, environmental context, and have adequate skills in a choice of the appropriate scale; - have overall knowledge of the profession and impacts in creating urban development, as well as understand the role of the architect in modelling social climate in the urban space; - have the basic knowledge of general principles in structural design; - have overall knowledge of the technologies that provide the building with a comfortable interior climate and protect interior from external climatic effects; - know how to design buildings and structures according to customer requirements, regulations and restrictions.
Final/state examination procedure, assessment	Bachelor Thesis
Description of the future employment	Assistant Architect. Work in a profession without the right of independent practice. The bachelor degree study programme provides the educational requirements for work under the supervision of a certified architect.
Special enrollment requirements	Entrance test in drawing – complex spatial composition of geometric bodies and constructive drawing of a human portrait, as well as spatial graphic analysis of the composition of geometric bodies.
Opportunity to continue studies	Professional Study Programme in Architecture or other higher level (MA level) studies.

Courses

No	Code	Name	Credit points
A		Compulsory Study Courses	108.0
1	AAR102	Architectural Composition	2.0
2	AAR101	Architectural Design I	11.0
3	AAR203	Architectural Design II	11.0
4	AAR303	Architectural Design III	8.0
5	AAP708	Urban Livability	2.0
6	AAV135	History of Art	2.0
7	AAR201	History of Architecture I	6.0
8	AAR302	History of Architecture II	6.0
9	ATM101	Drawing I	5.0
10	ATM201	Drawing II	4.0
11	ATM204	Painting	4.0
12	AAV144	Details of Buildings	4.0
13	AAV241	Building Types	4.0
14	DIM108	Mathematics	4.0
15	BTG108	Descriptive Geometry I	4.0
16	BTG731	Computer Aided Architectural Design	2.0
17	BGE170	Geodesy for Architects	2.0
18	BBK708	Building Structures	6.0
19	SDD701	Innovative Product Development and Entrepreneurship	4.0
20	BŪK325	Water Supply and Sewerage	2.0
21	BSG321	Heat Transfer in Building Constructions	2.0
22	AAP305	Urban Design, basic principles	2.0
23	ICA104	Civil Defence	1.0
24	BBM301	Fundamentals of Mechanics	4.0
25	BMT121	Study of Arhitecture Material Science	2.0
26	EEM731	Electrical Systems in Architecture	2.0
27	AAP712	Sustainability Principles in Architecture and Construction	2.0
B		Compulsory Elective Study Courses	20.0
B1		Field-Specific Study Courses	15.0
1	AAP303	Site and Infrastructure Development	2.0
2	AAP306	Outdoor Furniture	2.0
3	ATM224	Book Design and Poster	4.0
4	ATM225	Sculpture	4.0
5	ATM306	Painting – a Special Course	2.0
6	ATM301	Drawing III	4.0
7	BKO115	Computer Science (basic course)	3.0
B2		Humanities and Social Sciences Study Courses	2.0
1	HFL118	Models of Social Development	2.0
2	HSP377	General Sociology	2.0
3	HSP376	Sociology of Personalities and Small Groups	2.0
4	HSP375	Sociology of Management	2.0
5	HSP378	Politology	2.0
6	HSP379	Political System of Latvia	2.0
7	HSP380	United Europe and Latvia	2.0
8	IUV101	Fundamentals of Law	2.0
B6		Languages	3.0
1	HVD101	The English Language	2.0
2	HVD230	The English Language	1.0
3	HVD108	The German Language	2.0
4	HVD226	The German Language	1.0
C		Free Elective Study Courses	2.0
E		Final Examination	10.0
1	AAP001	Bachelor Thesis	10.0