



Reģ.Nr.9000068977, Kaļķu iela 1, Rīga, LV-1658, Latvija
Tālr.:67089999; Fakss:67089710, e-pasts:rtu@rtu.lv, www.rtu.lvwww.rtu.lv

Study programme "Civil Construction and Real Estate Management"

Main attributes

Title	Civil Construction and Real Estate Management
Identification code	IGW0
Education classification code	47818
Level and type	Professional Master Study
Higher education study field	Management and Administration, Real Estate Management
Head of the study field	Inga Lapiņa
Department responsible	Faculty of Engineering Economics and Management
Head of the study programme	Ineta Geipele
Professional classification code	2631 14; 2142 32
The type of study programme	Full time, Extramural
Language	Latvian, English
Accreditation	25.08.2016 - 31.12.2020; Accreditation certificate No 2019/06
Variant 1	
Volume (credit points)	60.0
Duration of studies (years)	Full time studies - 1,5; Extramural - 2,0
Degree or/and qualification to be obtained	Professional Master Degree in Civil Construction and Real Estate Management
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Bachelor Degree and 5-th Level Professional Qualification has been granted on completion of one of the following programme modules: Management and Administration, Finances, Banking and Insurance, Accounting and Taxes, Legal Studies, Architecture and Urban Planning, Construction and Civil Engineering or comparable education
Variant 2	
Volume (credit points)	100.0
Duration of studies (years)	Full time studies - 2,5; Extramural - 3,0
Degree or/and qualification to be obtained	Professional Master Degree in Civil Construction and Real Estate Management and Qualification of Real Estate Economist
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF); the 5th level of Latvian Professional Qualifications
Programme prerequisites	Bachelor Degree of Social Science in Economics, Business Administration, Legal Studies, or Bachelor Degree of Engineering Science in Civil Engineering
Variant 3	
Volume (credit points)	100.0
Duration of studies (years)	Full time studies - 2,5; Part time studies - 3,0; Extramural - 3,0
Degree or/and qualification to be obtained	Professional Master Degree in Civil Construction and Real Estate Management and Qualification of Constuction Estimator Engineer
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF); the 5th level of Latvian Professional Qualifications
Programme prerequisites	Bachelor Degree and 5-th Level Professional Qualification has been granted on completion of the following programme in Real Estate Management, Civil Engineering, Construction, Architecture and Urban Planning; Engineering Sciences Bachelor in Construction or comparable education in Construction Sciences
Variant 4	
Volume (credit points)	40.0
Duration of studies (years)	Full time studies - 1,0; Part time studies - 1,5; Extramural - 1,5
Degree or/and qualification to be obtained	Professional Master Degree in Civil Construction and Real Estate Management
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Bachelor Degree of Real Estate Management and 5-th Level Professional Qualification has been granted on completion of the programme "Real Estate Management" - Real Estate Economist or Real Estate Manager, or Real Estate Appraiser

Description

Abstract	<p>The accredited professional master study programme “Civil Construction and Real Estate Management” is the final phase of professional higher education, which concludes the programme direction within the civil construction and real estate sector, offered by the Institute of Building Entrepreneurship and Real Estate Economics of the Faculty of Engineering and Management at Riga Technical University.</p> <p>As the Institute of Building Entrepreneurship and Real Estate Economics of the Faculty of Engineering and Management (Riga Technical University) has a close cooperation with professional associations that are members of international organizations (associations) such as the International Real Estate Federation (hereinafter referred to as FIABCI) and European Council of Real Estate Professions (hereinafter referred to as CEPI), then the goals and objectives of the programme are aligned with the professional requirements as outlined by these organisations in the world and in Europe. Already since 2006, the Institute of Building Entrepreneurship and Real Estate Economics of the Faculty of Engineering and Management at Riga Technical University is a member of FIABCI-International.</p> <p>Developing a uniform platform for the level of professional skills required in the EU, the associations emphasize the need for the development of master study programmes for construction and real estate sectors to develop a uniform level of quality of education in Europe.</p> <p>The professional master study programme “Civil Construction and Real Estate Management” is the only one of this kind in Latvia and the Baltic region; there are only some similar programmes in the EU.</p>
Aim	<p>The aim of the master study programme “Civil Construction and Real Estate Management” is to educate entrepreneurs and managers, paying particular attention to the acquisition of high-quality recent developments in the fields of civil construction and real estate development and management that will enable specialists not only to carry out scientific and pedagogical work, but also to work at municipalities, state institutions, financial and insurance firms, commercial companies, non-governmental, international and national organizations, which operate in the fields of civil construction and real estate.</p>
Tasks	<p>The tasks of the study programme are the following:</p> <ul style="list-style-type: none"> •to ensure acquisition of broad, professional and practically oriented education allowing graduates to easily adapt to the labour market, as well as conduct research and continue their education at the doctoral level; •to ensure that the students, who already have the academic bachelor’s degree and the fifth level professional qualification, receive relevant theoretical and practical training enabling them to acquire the qualification of real estate economist; •to create an opportunity for the students to acquire the qualification in close connection with their future job and ensure such opportunities for acquisition of theoretical knowledge and skills that will allow the graduates of the study programme to commence professional activities; •to ensure acquisition of up-to-date general knowledge, to develop economic thinking and analytical abilities and skills required for solving professional problems and tasks assigned and for developing projects that will allow the graduates to participate in tackling branch-related problems; •to develop team-building and cooperation skills with professionals from different spheres, to provide opportunities for developing foreign language skills that will help in cooperation with colleagues from other countries.
Learning outcomes	<p>Upon successful completion of the study programme, the graduates are able:</p> <ul style="list-style-type: none"> •to demonstrate their understanding of general and specific development trends in building construction and real estate; •to demonstrate their understanding of the factors influencing real estate value; •to demonstrate their understanding of latest developments and processes in building construction and real estate market, and to evaluate their causes and possible consequences; •to use management techniques in the fields of civil construction and real estate; •to show their understanding of the impact of laws and regulations on the macro-economic processes and civil construction and real estate markets; •to demonstrate their understanding of the short- and long-term impact on the environment of transactions in civil construction and real estate markets; •to evaluate different social and political processes and predict their impact on entrepreneurship in civil construction and real estate sector; •to ensure effective communication and interaction with customers; •to proficiently elaborate and present investment projects in real estate; •to use different real estate evaluation/assessment and improvement methods; •to comply with ethical and cultural principles in real estate transactions; •to apply modern information technologies whilst working within the construction and real estate sectors; •to create the necessary flow of information for taking optimal management decisions; •to use real estate improvement methods in order to increase its value; •to identify and use various alternative solutions in the field of real estate; •to use economic laws governing real estate in order to make decisions.
Final/state examination procedure, assessment	<p>Students have to elaborate the master theses on topical issues in industry. The master thesis is scientific research in the field of industry with a project design part, in which a particular project is described and the most efficient project for the investment is chosen, justifying the choice with the previously indicated forecasts regarding the development trends in the building and construction sector and real estate market; or a particular project is economically evaluated, which is related to real estate transactions, facility management, valuation or civil construction management aspects concerning municipality operations, activities performed by the public institutions, companies, non-governmental, organizations and companies operating in financial and insurance sectors. The master thesis must be defended at an open meeting of the State Examination Commission, which consists of highly qualified industry specialists.</p>
Description of the future employment	<p>Graduates can work at municipalities, state institutions, financial and insurance firms, commercial companies, non-governmental, international and national organizations, which operate in the fields of civil construction and real estate.</p>
Special enrollment requirements	<p>a)Professional Bachelor’s Degree and 5th level professional qualification related to management and administration, finances, banking and insurance, accounting and taxes, legal studies, architecture and urban planning, construction and civil engineering or equivalent education;</p> <p>b)Academic Bachelor’s Degree in Economics, Business Administration, Legal Studies or an Academic Bachelor’s Degree in Civil and Structural Engineering.</p>
Opportunity to continue studies	<p>Upon completion of the professional master study programme “Civil Construction and Real Estate Management”, the graduates may continue their studies at the doctoral study programmes.</p>

Courses

No	Code	Name	C.p. [1]	C.p. [2]	C.p. [3]	C.p. [4]
A		Compulsory study courses	10.0	20.0	20.0	10.0
1	IBO524	Management of Building Construction Projects	3.0	3.0	3.0	3.0
2	IBO510	Management of Ecological Systems	3.0	3.0	3.0	3.0
3	IBO479	Civil Construction Management	2.0	2.0	2.0	2.0
4	IBO727	Land Use Management	2.0	2.0	2.0	2.0
5	IDA403	General and Occupational Safety		2.0		
6	IDA700	Basics of Labour Protection			1.0	
7	IBO482	Marketing of Real Estate		2.0		
8	IBO478	Theory of Valuation of Real Estate		2.0		
9	IBO472	Real Estate Business (study project)		2.0		
10	IBO473	Management of Marketing in Real Estate Transactions (study project)		2.0		
11	IBO462	Evaluation of Technical State of Buildings and Structures (study project)			2.0	
12	IBO729	Estimation of the Construction Operations (study project)			2.0	
13	BBR453	Building Technology			2.0	
14	IBO434	Construction Pricing			3.0	
B		Compulsory elective study courses	24.0	34.0	34.0	4.0
B1		Field-specific study course	24.0	34.0	34.0	4.0
1	IBO571	Real Estate Market in National Economy	2.0	2.0		2.0
2	IBO572	Civil Construction and Real Estate International Market	2.0	2.0		
3	IBO511	Strategic Marketing Management in Civil Construction	3.0	3.0		
4	IBO573	Financial Management in Civil Construction	3.0	3.0		
5	IBO574	Philosophy of Politic and Property	2.0	2.0		
6	IBO434	Construction Pricing	3.0	3.0		3.0
7	IBO576	Communication Psychology in Real Estate Business	2.0	2.0	2.0	2.0
8	IBO577	Economical Aspects of Real Estate Transactions Abroad	2.0	2.0		2.0
9	IBO701	Construction project planning and controlling	4.0	4.0	4.0	4.0
10	IBO702	Construction project risk and quality management	2.0	2.0	2.0	2.0
11	IBO703	Computer-based project management	2.0	2.0	2.0	2.0
12	IBO707	Game Theory for Civil Construction Economics	2.0	2.0		2.0
13	IBO515	Real Estate Economics	3.0	3.0	3.0	3.0
14	IBO570	Investments in Real Estate Development	2.0	2.0	2.0	2.0
15	IUV523	Commercial Law	3.0	3.0	3.0	3.0
16	IBO578	Business Valuation	4.0	4.0	4.0	4.0
17	IBO465	Organisation of Real Estate Management and Administration	2.0	2.0	2.0	2.0
18	IBO507	Management of Innovations in Building Construction	3.0	3.0	3.0	3.0
19	IBO731	Planning of Visual Environment in Real Estate	2.0	2.0	2.0	
20	IBO704	Estimation of the Operation Costs of the Administration and Management			2.0	
21	IBO706	Estimation of the Service Lines Operations Costs			2.0	
22	IBO491	Economics of Building Construction			3.0	
D		Practical Placement	6.0	26.0	26.0	6.0
1	IBO713	Practical Placement	6.0	6.0	6.0	6.0
2	IBO730	Specialized Practical Placement		20.0	20.0	
E		Final examination	20.0	20.0	20.0	20.0
1	IBO002	Master Thesis	20.0	20.0	20.0	20.0

K.p.[*] kredītpunkti studiju programmas variantā