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Study programme "Civil Construction and Real Estate Management"

Main attributes

Title	Civil Construction and Real Estate Management
Identification code	IGW0
Education classification code	47581
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	314212; 2142 32
The type of study programme	Full time, Extramural
Language	Latvian, English
Accreditation	26.05.2021 - 27.05.2027; Accreditation certificate No 2022/35
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 / real estate economist
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Professional bachelor degree and/or fifth level professional qualification in the fields of management and administration, finances, banking and insurance, accounting and taxes, law, 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 / real estate economist
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 of social science in economics, management, law 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; Extramural - 3,0
Degree or/and qualification to be obtained	Professional master degree in civil construction and real estate management / construction cost engineer
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	Professional bachelor degree and/or fifth level professional qualification in the fields of real estate management or civil engineering and construction, architecture and urban planning, or bachelor of engineering science in construction, or comparable education in construction science
Variant 4	
Volume (credit points)	40.0
Duration of studies (years)	Full time studies - 1,0; Extramural - 1,5
Degree or/and qualification to be obtained	Professional master degree in civil construction and real estate management / real estate economist
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Professional bachelor degree in real estate management and fifth level professional qualification of real estate manager or real estate economist 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 study 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 study programmes in the EU. In English the study programme is being implemented only as full-time intramural studies.</p>
Aim	<p>The aim of the study programme is to educate entrepreneurs and managers, paying particular attention to the acquisition of high quality knowledge in the fields of civil construction and real estate development and management, to train specialists not only for scientific and pedagogical work but also for professional work at local governments, public bodies, financial and insurance fields, commercial companies, non-governmental, international and national organizations operating 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 provide students with a wide range of professional, practical-oriented education, enabling them to easily adapt to the labour market, perform research and continue education at Doctoral studies; - to provide students with a Bachelor academic degree of social sciences, with theoretical and practical training appropriate to the fifth level of professional qualifications, enabling them to obtain the qualification of an estate appraiser; - to enable students obtaining the qualification directly related to their future work, to provide opportunities for acquiring theoretical knowledge and skills that would allow graduates to start practical activities upon completion of the study programme; - to ensure acquisition of modern general knowledge, to develop economic thinking, to promote analytical capacities of students, to develop skills in addressing professional issues and tasks, developing projects that allow graduates to engage in solution of the national economy issues; - to develop the teamwork capabilities for cooperating with professionals from different fields, to provide an opportunity to develop foreign language skills that would ensure the ability to cooperate with foreign counterparts.
Learning outcomes	<p>Upon successful completion of the study programme, the graduates are able:</p> <ul style="list-style-type: none"> - to know and understand the general and specific development trends of construction and real estate; - to know and understand the factors influencing the value of real estate; - to understand the causes of the processes taking place in the construction and real estate market and to assess the possible consequences; - to know management methods in construction business and real estate; - to understand the impact of regulatory enactments on macroeconomic processes and the construction business and real estate market; - to understand the short- and long-term environmental impact of construction and real estate transactions; - to assess various social and political processes and anticipate their impact on construction and real estate business; - to ensure effective communication and interaction with customers in the company using management methods; - qualified to prepare and present real estate investment projects; - to use various real estate valuation methods and improvement methods; - to observe ethical and cultural principles in real estate transactions; - to use modern information technologies in construction and real estate; - to create the necessary information flow for optimal management decisions; - to use real estate improvement methods to increase its value; - to identify and use various alternative solutions for the use of real estate; - to use the regularities of real estate economics in decision-making; - to create and ensure working conditions appropriate to the environment, labour protection and fire safety in accordance with the requirements of labour protection, environmental protection and fire safety for the performance of direct work.
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 degree and/or fifth level professional qualification in the fields of management and administration, finances, banking and insurance, accounting and taxes, law, architecture and urban planning, construction and civil engineering, or comparable education, b) bachelor degree of social science in economics, management, law or bachelor degree of engineering science in civil 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	IBO749	Research Methods in Construction and Real Estate 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	IBO526	Valuation of Real Estate		4.0		
8	IBO472	Real Estate Business (study project)		2.0		
9	IBO475	Valuation of Real Estate (study project)		2.0		
10	IBO462	Evaluation of Technical State of Buildings and Structures (study project)			2.0	
11	IBO729	Estimation of the Construction Operations (study project)			2.0	
12	BBR453	Building Technology			2.0	
13	IBO434	Construction Pricing			3.0	
B		Compulsory Elective Study Courses	24.0	34.0	34.0	4.0
B1		Field-Specific Study Courses	24.0	34.0	34.0	4.0
1	IBO727	Land Use Management	2.0	2.0	2.0	2.0
2	IBO571	Real Estate Market in National Economy	2.0			2.0
3	IBO572	Civil Construction and Real Estate International Market	2.0			
4	IBO511	Strategic Marketing Management in Civil Construction	3.0	3.0		
5	IBO573	Financial Management in Civil Construction	3.0	3.0		
6	IBO574	Philosophy of Politic and Property	2.0			
7	IBO748	Property Assessment Standards and Code of Practice		6.0		
8	IBO750	Construction Pricing	3.0	3.0		3.0
9	IBO576	Communication Psychology in Real Estate Business	2.0	2.0	2.0	2.0
10	IBO577	Economical Aspects of Real Estate Transactions Abroad	2.0	2.0		2.0
11	IBO701	Construction project planning and controlling	4.0	4.0	4.0	4.0
12	IBO702	Construction project risk and quality management	2.0	2.0	2.0	2.0
13	IBO703	Computer-based project management	2.0	2.0	2.0	2.0
14	IBO707	Game Theory for Civil Construction Economics	2.0	2.0		2.0
15	IBO711	Real Estate Economics	4.0	4.0	4.0	4.0
16	IBO570	Investments in Real Estate Development	2.0	2.0	2.0	2.0
17	IUV523	Commercial Law	3.0	3.0	3.0	3.0
18	IBO578	Business Valuation	4.0	4.0	4.0	4.0
19	IBO751	Organisation of Real Estate Management and Administration	2.0	2.0	2.0	2.0
20	IBO507	Management of Innovations in Building Construction	3.0	3.0	3.0	3.0
21	IBO731	Planning of Visual Environment in Real Estate	2.0	2.0	2.0	
22	IBO704	Estimation of the Operation Costs of the Administration and Management			2.0	
23	IBO706	Estimation of the Service Lines Operations Costs			2.0	
24	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		
3	IBO737	Specialized Internship for Master			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*