



RĪGAS TEHNISKĀ UNIVERSITĀTE

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Study programme "Innovations and Entrepreneurship"

Main attributes

Title	Innovations and Entrepreneurship
Identification code	IGIO
Education classification code	47345
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	Modris Ozoliņš
Professional classification code	1120; 1211
The type of study programme	Full time, Part time
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; Part time studies - 2,0
Degree or/and qualification to be obtained	Professional master degree in business administration / organisation manager
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, and at least 2 years of entrepreneurial or managerial experience
Variant 2	
Volume (credit points)	80.0
Duration of studies (years)	Full time studies - 2,0
Degree or/and qualification to be obtained	Professional master degree in business administration / organisation manager
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	Academic bachelor degree in social science or comparable education, and at least 3 years of entrepreneurial or managerial experience

Description

Abstract	<p>The international master study programme was developed in 2003 as the continuation of 6-year successful cooperation between the Faculty of Engineering Economics and Management (FEEM) at Riga Technical University (RTU) and Buskerud University College (HiBU), Norway. The study programme was developed after acquiring the best experience in the field of entrepreneurship and new product development, for example, by undertaking experience of Norwegian partners and the colleagues from Massachusetts Institute of Technology, the USA. Guest lecturers are involved in the implementation of the study programme.</p> <p>The general aim of the study programme as of any other master study programme is to train highly qualified management specialists for both private and public sectors; the specialists who are competitive in the labour market and who are able to conduct research and carry out pedagogical work. In addition to the development of general managerial skills, particular attention is devoted to the fostering of innovative thinking, new product development and entrepreneurial mindset. To achieve the above-mentioned aims, the courses included in the study programme are developed to promote the students' skills to generate new ideas and to implement them.</p> <p>During the study process, the students acquire theoretical and practical knowledge and skills needed for the efficient management of a company and its departments. The students develop their skills necessary to work out the company's strategy, mission and aims taking into consideration interests of the involved parties. Moreover, the students enhance their abilities to plan, predict and manage the rational activity of a company corresponding to the aims set, economic environment and situation in the labour market. Special attention is devoted to promoting innovative and creative thinking in order to ensure necessary competences for new product development.</p>
Aim	The aim of the study programme is to educate entrepreneurs, managers of institutions and organisations in strategic and change management, entrepreneurship and business planning, paying particular attention to acquiring the latest knowledge of innovations and product development.

Tasks	<p>The general tasks of the study programme are as follows:</p> <ul style="list-style-type: none"> - to improve students' professional skills and abilities; - to develop analytical skills and stimulate interest in the processes, which take place in the society by analysing the economic situation of the country and trends of particular sectors, searching for connections, and evaluating the situation in the enterprise, the national economy in general and various fields of management; - to develop research competence by elaborating Master Thesis and course papers; - to develop ability to identify problems and solve them, to formulate goals by offering practical and innovative solutions to particular problems in Master Thesis and study courses; - as a result of the study process, to develop students' intelligence, to promote their mental development, to promote the use of intellectual abilities in the study process and further in their practical activities.
Learning outcomes	<p>A graduate of the study programme:</p> <ul style="list-style-type: none"> - is able to define organizational goals and strategy, are able to plan, organize and manage effective and efficient functioning of the organization in the long-term interests of all stakeholders (state, owners, society, etc.) by applying the acquired business management competencies; - understands the nature and importance of innovation, are able to integrate innovation into business; - is able to lead new product development by combining theoretical knowledge and practical competencies; - is able to lead a team of employees in a dynamic business environment, work in teams, and work individually using their knowledge and leadership skills; - is able to represent the interests of the organization and co-operate with other companies, organizations, institutions, including municipalities and state institutions in the national and international environment; - is able to argue and explain his/her opinion, discuss professional issues; - is able to apply research methods, implement creativity and research in the field of management; - is able to start and run a business.
Final/state examination procedure, assessment	<p>The most significant research to be conducted during the study period is the elaboration of Master Thesis. The following assessment criteria are taken into account during the defence of Master Thesis:</p> <ul style="list-style-type: none"> - ability to process information and solve management problems by applying theoretical knowledge, general management competence; - high level specialist professional knowledge of the most significant and up-to-date aspects of the typical functions in a company; - understanding of interaction between allied industries and multifunctional competence; - ability to obtain, aggregate, process and analyse data and to demonstrate analytical reasoning; - ability to apply theoretical tools and methods to develop creative solutions to a problem; - ability to make reasoned conclusions and formulate appropriate recommendations; - ability to present and defend the proposed solutions.
Description of the future employment	<p>Managers of the companies develop the strategy, mission, aims and objectives of a company taking into consideration interests of owners and society, control the performance, motivate staff and ensure communication with stakeholders; manage and control functional areas of the company: marketing, production and service organization, personnel management, finances, management information systems, logistics etc. Deputy managers plan, organize and manage company's activities in one or several areas in the company and replace managers in their absence.</p> <p>Managers / Deputy managers work at any company in any economic sector, as well as at institutions or organizations, which according to the Commercial Law are not considered companies, but perform on business principles.</p>
Special enrollment requirements	<p>Requirements to enrol in the study programme:</p> <ol style="list-style-type: none"> 1) professional bachelor degree and/or fifth level professional qualification, and at least 2 years of entrepreneurial or managerial experience; 2) academic bachelor degree in social science or comparable education, and at least 3 years of entrepreneurial or managerial experience.
Opportunity to continue studies	<p>Doctoral studies.</p>

Courses

No	Code	Name	C.p. [1]	C.p. [2]
A		Compulsory Study Courses	18.0	18.0
1	IUE520	Managerial Cost Accounting and Project Analysis	6.0	6.0
2	IUE505	Technology and New Product Marketing	4.0	4.0
3	IUE508	Strategy and Change Management	4.0	4.0
4	IUE540	Entrepreneurship and Business Planning	4.0	4.0
B		Compulsory Elective Study Courses	16.0	16.0
B1		Field-Specific Study Courses	14.0	14.0
1	IUE530	Innovation Technology	6.0	6.0
2	IUE550	Product Design and Development	4.0	4.0
3	IEU529	Talent and Personnel Management	4.0	4.0
4	IEU501	Project Management	4.0	4.0
5	IKI703	Process Analysis and Management	4.0	4.0
B2		Humanities and Social Sciences Study Courses	2.0	2.0
1	IEU530	Knowledge Management	2.0	2.0
2	IET516	Research Methodology	2.0	
D		Practical Placement	6.0	26.0
1	IU700	Internship	6.0	
2	IU701	Internship		26.0
E		Final Examination	20.0	20.0
1	IU702	Master Thesis	20.0	20.0
<i>K.p.[*] kredītpunkti studiju programmas variantā</i>				