



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, 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; Part time studies - 2,0; Extramural - 2,0
Degree or/and qualification to be obtained	Professional Master Degree in Business Administration
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 Second level Professional Higher Education, 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; Part time studies - 2,5; Extramural - 2,5
Degree or/and qualification to be obtained	Professional Master Degree in Business Administration and Qualification of the Manager of Enterprises and Organisations
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	Academic Bachelor Degree in Social Sciences or equivalent 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 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 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 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 professional master study programme "Innovations and Entrepreneurship" 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 professional master study programme "Innovations and Entrepreneurship" are the following:</p> <ul style="list-style-type: none"> - to acquire and improve professional skills and to develop students' analytical skills and sustain their interest in the society's existing processes by analysing country's economic situation and development trends of particular branches, by assessing the situation in a company, national economy and in various management fields; - to promote acquisition of research skills by developing the Master Thesis and term papers within the framework of different study courses; - to develop skills necessary for the identification of problems, definition of aims and objectives, and their achievement, by offering practical and innovative solutions to specific problems in the Master Thesis and within the framework of certain study courses; - to develop students' mental power, to promote their intellectual ability and favour the use of intellectual power and ability in the study process and in their further practical activities.
Learning outcomes	<p>The graduate of the master study programme "Innovations and Entrepreneurship" is able:</p> <ul style="list-style-type: none"> - to develop the strategy, mission, aims and objectives of a company taking into consideration interests of all the involved parties (state, owners, society, etc.); - to plan and predict efficient and rational company's activity corresponding to the aims set, economic environment and situation in the labour market; - to comprehend the nature and significance of innovations, to compare development methods of innovations and choose the most appropriate method for each specific business situation; - to design, plan and develop new products by integrating and combining theoretical and practical knowledge; - to lead a national and international (multicultural) team; - to work individually and in a team by applying one's knowledge and leadership skills and to take responsibility of one's own performance; - to represent one's company in negotiations and deals with other companies, organizations and institutions, including local authorities, municipalities and public institutions; - to cooperate with other companies, company owners and other interest groups in order to achieve the company's objectives; - to carry out research of scientific value in management field.
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 enroll in the programme:</p> <ol style="list-style-type: none"> 1) Professional Bachelor Degree and / or 2nd level Professional Higher Education, and at least 2 years of Entrepreneurial or Managerial Experience 2) Academic Bachelor Degree in Social Sciences or Equivalent 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 course	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	IUE535	Total Quality Management	4.0	4.0
5	IEU501	Project Management	4.0	4.0
6	IKI854	Quality improvement project management	4.0	
7	IKI703	Process Analysis and Management	4.0	4.0
B2		Humanities and social sciences study courses	2.0	2.0
1	HSP446	Pedagogy	2.0	2.0
2	HSP484	Psychology	2.0	2.0
3	IEU530	Knowledge Management	2.0	2.0
4	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>				