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Study programme "Management Science and Economics"

Main attributes

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| Title | Management Science and Economics |
| Identification code | IDU0 |
| Education classification code | 51345 |
| Level and type | Doctoral 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 | Elīna Gaile-Sarkane |
| Professional classification code | |
| The type of study programme | Full time, Extramural |
| Language | Latvian, English |
| Accreditation | 25.08.2016 - 31.12.2020; Accreditation certificate No 2019/06 |
| Volume (credit points) | 192.0 |
| Duration of studies (years) | Full time studies - 4,0; Extramural - 5,0 |
| Degree or/and qualification to be obtained | |
| Qualification level to be obtained | The 8th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF) |
| Programme prerequisites | |

Description

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| Abstract | The doctoral study programme "Management Science and Economics" is intended to acquire the knowledge and research experience necessary to receive the Doctor's degree in Economics. The programme envisages specialization in a sub-branch of Management Science – Business Management and in two sub-branches of Economic Science – Macroeconomics and Microeconomics. The programme provides acquisition of modern theoretical concepts of the above-mentioned scientific branches, research methodology and learning methods, scientific research skills under the supervision of experienced researchers or the industry's leading experts. The programme provides a sound knowledge in theoretical subjects of the relevant study directions: Management Theory and Entrepreneurship and Economic Theory. The study programme includes development of Doctoral Thesis (Dissertation), which is defended in the Promotion Council. |
| Aim | To prepare highly qualified international specialists (PhD holders) – Doctors in sub-branches of Management and Economic Sciences, providing them with theoretical and practical knowledge necessary for independent scientific research and pedagogical work. |
| Tasks | To acquire modern theoretical concepts, fundamental principles, research methodology and research methods in the chosen scientific branch. To conduct scientific research on the chosen topic by applying modern advanced methods of analysis and data processing. To develop analytical, creative and critical thinking, ability to solve problems innovatively. To be able to present research results at international conferences and seminars, to be able to prepare and publish scientific articles on the research results. To develop skills in leadership and change management, and the ability to work in a team and collaborate with professionals of different fields. To develop pedagogical skills by preparing their own study courses and delivering academic lectures, by supervising bachelors and masters' thesis, diploma projects, practical placement. |
| Learning outcomes | Study programme outcomes are: -independently developed completed doctoral thesis with significant theoretical value and practical application perspective, which contains original research results and new conclusions in the relevant branch or sub-branch of science; -competences in accordance with international achievement level in the relevant branch of science allowing independent professional, scientific or academic work. Study programme graduates are able: -to independently conduct scientific research and develop research projects; -to develop new research methods and methodologies; -to independently analyse the research results and draw conclusions based on these results, -to plan the research; -to analytically and critically evaluate the research material, to integrate the theoretical knowledge in the research process, to uncover problems, to generate and develop new ideas; -to defend their opinion in scientific discourses; -to identify and understand the causes of the ongoing process, to forecast and evaluate their potential consequences. |

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| Final/state examination procedure, assessment | Upon completion of the study programme, the doctoral thesis (dissertation) is developed and defended. The doctoral degree is awarded for independently developed doctoral thesis containing original scientific, proven results, and providing new conclusions in the relevant sub-branch of science. The doctoral thesis is evaluated by the State Scientific Qualification Committee, experts of the Latvian Council of Science and the Promotion Council of the relevant branch of science taking into account the following criteria: whether scientific work is a completed research with sufficient scientific novelty, appropriate content and scope, whether modern methods of analysis and data processing have been applied, whether there are publications in peer-reviewed international scientific journals, whether the research results have been discussed at international conferences (seminars). |
| Description of the future employment | Research work in scientific research institutes, laboratories and enterprises. Academic and research work in higher education institutions. Management and operational problem solutions in contemporary organizations. Independent work or work in a team on interdisciplinary and international research projects. Possible positions in scientific and academic work – Senior Researcher, Docent, Professor. |
| Special enrollment requirements | Master's degree in social sciences |
| Opportunity to continue studies | |

Courses

| No | Code | Name | Credit points |
|-----------|------------------------|--|---------------|
| A | | Compulsory study courses | 15.0 |
| 0 | IVF703 | Contemporary Social Science Theory | 10.0 |
| 0 | IVF701 | Research Methodology in Social Sciences | 5.0 |
| B | | Compulsory elective study courses | 21.0 |
| B1 | | Field-specific study course | 21.0 |
| 1 | IÄS606 | Organization and Management Strategy of International Economic Relations | 15.0 |
| 2 | IUV613 | Modelling of Business Management | 15.0 |
| 3 | ITE603 | Business Logistics | 15.0 |
| 4 | IBO604 | Strategic Administration in Civil Construction | 15.0 |
| 5 | IRE700 | Sustainable Economic Development | 15.0 |
| 6 | IUE621 | Marketing Theory and Practice | 15.0 |
| 7 | IET705 | Topicalities of Modern Economics | 15.0 |
| 8 | IKI756 | Quality Assurance and Improvement | 15.0 |
| 0 | IMP724 | Customs Strategic Management | 15.0 |
| 1 | IUF714 | Strategic Financial Management | 15.0 |
| 0 | IET706 | Economic Theory | 15.0 |
| 0 | IBO712 | Construction Industry and Real Estate Market Sustainable Development | 15.0 |
| 0 | IVF702 | Problems of Business Management (Doctoral Workshop) | 6.0 |
| 1 | IET707 | Topicalities of Modern Economics | 6.0 |
| C | | Free elective study courses | 6.0 |
| E | | Final examination | 150.0 |
| 1 | IÄS009 | Research Work | 150.0 |
| 2 | IBO009 | Research Work | 150.0 |
| 3 | IUE009 | Research Work | 150.0 |
| 4 | IRO009 | Research Work | 150.0 |
| 5 | IRE009 | Research Work | 150.0 |
| 6 | IET009 | Research Work | 150.0 |
| 7 | IMP009 | Research Work | 150.0 |
| 8 | IUV009 | Research Work | 150.0 |