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## Study programme "Engineering Technology, Mechanics and Mechanical Engineering"

## Main attributes

Wam attributes	
Title	Engineering Technology, Mechanics and Mechanical Engineering
Identification code	MMM0
Education classification code	45521
Level and type	Academic Master Study
Higher education study field	Mechanics and Metal Processing, Heat Power Engineering, Heat Technology, and Mechanical Engineering
Head of the study field	Aldis Balodis
Department responsible	Faculty of Mechanical Engineering, Transport and Aeronautics
Head of the study programme	Marina Čerpinska
Professional classification code	
The type of study programme	Full time
Language	Latvian, English
Accreditation	16.11.2022 - 17.11.2028; Accreditation certificate No 2022/30-A
Volume (credit points)	80.0
Duration of studies (years)	Full time studies - 2,0
Degree or/and qualification to be obtained	Master degree of engineering science in mechanical engineering / –
Qualification level to be obtained	The 7th level of European Qualifications Framework (EQF) and Latvian Qualifications Framework (LQF)
Programme prerequisites	Bachelor degree of engineering science in mechanical engineering, mechanics and metal processing, or comparable education

Description

Description	
Abstract	The study programme is being implemented in Riga Technical University Faculty of Mechanical Engineering Transport and Aeronautics Department of Theoretical Mechanics and Strength of Materials in close cooperation with the eight largest technical universities in Europe. The study programme is implemented in Latvian and English, and its duration is two years. The study programme is focused on gaining an in-depth understanding of the operation of mechanical systems and their control (study courses "Technical System Vibration and Stability", "Shock Theory", "Dynamics and Control of Machines" etc.), acquisition of knowledge and skills in the use of computer programmes and performance of simulations (study courses "Vibrotechnology and Vibromachines", "Rotary Machines", "Computer-Aided Analysis of Mechanical Systems of Machines" etc.), which allows graduates to work in both local and international companies, which are focused on the production and project management of customer-tailored mechanical equipment, systems or components, as well as to continue their studies in a four-year PhD study programme.
Aim	To prepare engineers with a wide range of knowledge in the field of mechanics and mechanical engineering, who are able to compete well for their place in the labour market and can work in their profession in both local and international companies and projects, as well as to prepare students for further studies in the PhD study programme.
Tasks	The tasks of the study programme are:  - to provide students with the in-depth theoretical knowledge, skills and abilities in engineering, mechanics and mechanical engineering;  - to acquaint students with the latest research and development tendencies in the field of mechanics and mechanical engineering;  - to strengthen skills in working with computer programs used in the field with the help of laboratory works, as well as to develop an understanding of continuous development of computer programmes, so that after completing the study programme the student is able to work with various similar alternatives;  - to develop an understanding of the cycle of the creation of innovative engineering products, cooperation of specialists in various fields.
Learning outcomes	Graduates of the study programme:  - understand technical processes in mechanics and mechanical engineering, as well are able to give their suggestions for its' improvement;  - are able to evaluate descriptions of technological processes, perform their analysis, assess the quality of operation of mechanical systems, influencing factors and risks, determine preventive measures appropriate to the risks;  - are able to evaluate the operation processes of mechanical equipment, provide suggestions for process improvements;  - are able to plan the necessary resources to ensure the successful operation and improvement of engineering systems;  - know and are able to design, install and operate mechanical systems after additional training on the specific system;  - are able to build an engineering career by effectively cooperating with specialists of other profiles and jointly developing innovative engineering products;  - are able to continue PhD studies.

Final/state examination procedure, assessment	Master Thesis.
	Graduates of the study programme work in companies that focus on the design and production of new and customer-tailored products - mechanical equipment and their components, as well as in companies where maintenance of mechanical equipment must be provided and in projects where calculations and simulations are performed in computer programs. After additional specific training, graduates can work in the field of technical measurement and diagnostics.
Special enrollment requirements	English language proficiency equivalent to at least CEFR B2 level.
	It is possible to continue studies in the four-year full-time doctoral study programme "Engineering Technology, Mechanics and Mechanical Engineering" or in other RTU doctoral study programmes, as well as it is possible to study abroad, or in similar study programmes abroad.

## Courses

MTM-100   Name   Name	Courses			
MIN4409	No	Code	Name	Credit points
2         MSH5432         Ihermodynamics and Gias Dynamics         3.0           3         MMSP521         Rechancis of Composite Materials         3.0           5         MSF541         Process of Composite Materials         4.0           6         MTM505         Optimization Methods         4.0           7         MTI1903         Compater-Aided Analysis of Mechanical Systems of Machines         4.0           8         MTI1907         Lithing and Transporting Machines         4.0           9         MIMS16         Analysis and Optimization of Machines, Structures and Technological Processes         3.0           10         MSES55         Non-Standard Sources of Technical Posigio         2.0           11         MRA253         Basics of Technical Posigio         2.0           12         DA700         Basics of Ecology Declarities Study Course         18.0           B         Compalsory Declarities Study Course         18.0           B         Feld-Specific Study Course         18.0           1         NIM1911         Studies Etheory         4.0           2         MFF412         Broad Etheory         4.0           3         MMF519         Finitia and Boundary Element Methods         4.0           4         MTM511	A			38.0
MMM512   Mechanics of Composter Materials   3.0	1	MTM409		4.0
4         MTH505         Robards II         Decays of Roundary Large         4.0           5         MSSES II         Process of Roundary Large         4.0           6         MTM408         Optimization Methods         4.0           7         MTH509         Computer-Aided Analysis of Mechanical Systems of Machines         4.0           8         MTH510         Lafting and Temsporting Machines         3.0           9         MTM516         Analysis and Optimization of Machines, Structures and Technological Processes         3.0           11         MRA233         Basics of Cechnical Design         2.0           12         I DA700         Basics of Cechnical Design         1.0           0         MSSS         Analysis and Course of Machines         1.0           0         MSSS         Analysis and Course of Machines         1.0           0         MMP518         Braces of Cechnical Design         2.0           1         MACHAI         Analysis and Course of Machines         1.0           0         MMP518         Brace of Cechnical Design         2.0           1         MIM411         Shock Theory         4.0           1         MIM411         Machaines (Mechanics         4.0           2         <	2	MSE432	Thermodynamics and Gas Dynamics	3.0
5         MSFS41         Theory of Roundary Jave         4.0           6         MTM408         Optimization Methods         4.0           7         MTM507         Computer-Aided Analysis of Mechanical Systems of Machines         4.0           8         MTH507         Litting and Transporting Machines         4.0           9         MTM516         Analysis and Optimization of Machines, Structures and Technological Processes         3.0           10         MSE535         Non-Standard Sources of Energy         3.0           11         MR5233         Basics of Chethical Design         2.0           12         IDA700         Basics of Labour Protection         1.0           B         Compulsory Elective Study Courses         18.0           BI         Flod-Specific Study Course         14.0           1         MTM411         Shock Theory         4.0           2         MEH312         Bhornaterials         2.0           3         MMP518         Theory of Elasticity, Viscoelisaticity and Plasticity         4.0           4         MITM514         Shock Theory         4.0           4         MITM514         Shock Theory         4.0           4         MITM514         Shock Energy Analysis of Machines <td< td=""><td>3</td><td>MMP532</td><td>Mechanics of Composite Materials</td><td>3.0</td></td<>	3	MMP532	Mechanics of Composite Materials	3.0
6         M1M468         Optimization Methods         4.0           7         MIII500         Computer-Aided Analysis of Mechanical Systems of Machines         4.0           8         MIII501         Lifting and Transporting Machines         4.0           9         MTM516         Analysis and Optimization of Machines, Structures and Technological Processes         3.0           10         MS4355         Non-Standard Sources of Feregry         3.0           11         MRA233         Basics of Technical Design         2.0           12         IL7070         Basics of Technical Design         1.0           0         MS700         Basics of Technical Design         1.2           1         MD740         Basics of Technical Design         1.2           0         MMP518         The Computer Vision Computer Standard Standa	4	MTH505	Rotary Machines	3.0
MTH501   Computer-Aided Analysis of Mechanical Systems of Machines	5	MSE541	Theory of Boundary Layer	4.0
8         MTH1507         Liftling and Transporting Machines         4.0           9         MTM516         Analysis and Optimization of Machines, Structures and Technological Processes         3.0           10         MSE355         Non-Standard Sources of Energy         3.0           11         MRA253         Basics of Technical Design         2.0           12         IDA700         Basic of Technical Design         1.0           B         Compalsory Elective Study Courses         18.0           B1         Field-Specific Study Courses         14.0           0         MMP518         Theory of Elasticity, Viscelasticity and Plasticity         4.0           1         MTM411         Shock, Theory         4.0           2         MEEL12         Biomalerials         2.0           3         MMP519         Finite and Boundary Element Methods         4.0           4         MTM514         Vehicle Mechanics         4.0           5         MEEL11         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Issperimental Mechanics and Technical Diagnostics         4.0           7         MTI1504         Numerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0 <t< td=""><td>6</td><td>MTM408</td><td>Optimization Methods</td><td>4.0</td></t<>	6	MTM408	Optimization Methods	4.0
9	7	MTH503	Computer-Aided Analysis of Mechanical Systems of Machines	4.0
10	8	MTH507	Lifting and Transporting Machines	4.0
11	9	MTM516	Analysis and Optimization of Machines, Structures and Technological Processes	3.0
10	10	MSE535	Non-Standard Sources of Energy	3.0
B I         Compulsory Elective Study Courses         18.0           BI         Field-Specific Study Courses         14.0           0         MMP518         Theory of Elasticity Viscoelasticity and Plasticity         4.0           1         MTM411         Shock Theory         4.0           2         MF612         Biomaterials         2.0           3         MMP510         Finite and Boundary Element Methods         4.0           4         MTM514         Vehicle Mechanics         4.0           5         MF61811         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH940         Namerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0           8         MMP533         Nonlinear Mechanics of Materials         3.0           9         MMP9535         Fracture Theory         3.0           10         MTH900         Dynamics and Control of Machines (for Master Digree students)         4.0           11         MTH412         Mechanics of Materials of Mechanical Engineering Constructions         3.0           12         MTH900         Dynamics and Constructions         3.0	11	MRA253	Basics of Technical Design	2.0
Bi	12	IDA700	Basics of Labour Protection	1.0
0         MMF818         Theory of Elasticity, Viscoelasticity and Plasticity         4.0           1         MTM411         Shock Theory         4.0           2         MEE412         Blomaterials         2.0           3         MMF519         Finite and Boundary Element Methods         4.0           4         MTM514         Vehicle Mechanics         4.0           5         MEE411         Introduction to Biochemistry and Biophysics         3.0           6         MMF510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH504         Nonlinear Mechanics and Control of Machines (for Master Students)         4.0           8         MMP533         Nonlinear Mechanics of Machines (for Master Degree students)         3.0           9         MMF535         Fracture Theory         3.0           10         MTH502         Pynamics and Control of Machines (for Master Degree students)         4.0           11         MTH413         Patigue and Damages of Materials of Mechanical Engineering Constructions         3.0           1         METH507         Mechanics of Biological Systems         3.0           1         MEE413         Physics of Medical Imaging         4.0           2         MEE509         Medical Instr	В		Compulsory Elective Study Courses	18.0
MIM411	B1		Field-Specific Study Courses	14.0
2         MEFA12         Biomaterials         2.0           3         MMP519         Finite and Boundary Element Methods         4.0           4         MTM514         Velicel Mechanics         4.0           5         MEE411         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH940         Numerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0           8         MMP533         Nonlinear Mechanics of Materials         3.0           10         MTH502         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH951         Practure Theory         3.0           12         MTH952         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH952         Dynamics and Control of Machines (for Master Degree students)         3.0           11         MTH912         Mechanics         Machines (for Master Degree students)         3.0           1         MTH912         Mechanics of Biological Systems         3.0           1         MTH912         Mechanics of Biological Systems         3.0           2         <	0	MMP518	Theory of Elasticity, Viscoelasticity and Plasticity	4.0
3         MMP519         Finite and Boundary Element Methods         4.0           4         MTM514         Vehicle Mechanics         4.0           5         MEE411         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH1604         Numerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0           8         MMP533         Nolinear Mechanics of Materials         3.0           9         MMP535         Fracture Theory         3.0           10         MTH502         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH1412         Merglage and Damages of Materials of Mechanical Engineering Constructions         3.0           12         MTH1412         Mechanics of Biological Systems         3.0           0         MEE507         Mechanics of Biological Systems         3.0           1         MEE413         Psystes of Medical Imaging         4.0           2         MEE507         Medical Instrumentation         3.0           3         MEE413         Psystes of Medical Imaging         5.0           4         MEE511         Radiation Safety in Med	1	MTM411	Shock Theory	4.0
4         MTMS14         Vehicle Mechanics         4.0           5         MEE411         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH504         Numerical Analysis for Research of Dynamics of Materials         3.0           8         MMP533         Nonlinear Mechanics of Materials         3.0           10         MTH502         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH413         Fatigue and Damages of Materials of Mechanical Engineering Constructions         3.0           12         MTH412         Mechanical Engineering Constructions         3.0           0         MEE507         Mechanics of Biological Systems         3.0           1         MEE413         Physics of Medical Imaging         4.0           2         MEE509         Medical Interfuentation         3.0           3         MEE407         Medical Faujument Design         5.0           4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0	2	MEE412	Biomaterials	2.0
5         MEE411         Introduction to Biochemistry and Biophysics         3.0           6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTH504         Numerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0           8         MMP533         Nonlinear Mechanics of Materials         3.0           9         MMP533         Fracture Theory         3.0           10         MTH502         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH413         Fatigue and Damages of Materials of Mechanical Engineering Constructions         3.0           12         MTH412         Mechanical Engineering Constructions         3.0           1         MEE507         Mechanics of Biological Systems         3.0           2         MEE509         Medical Instrumentation         3.0           3         MEE509         Medical Engineering Constructions         3.0           4         MEE509         Medical Engineering Constructions         3.0           3         MEE507         Mechanics of Biological Systems         3.0           4         MEE509         Medical Instrumentation         3.0           4         MEE501         Redic	3	MMP519	Finite and Boundary Element Methods	4.0
6         MMP510         Experimental Mechanics and Technical Diagnostics         4.0           7         MTI1504         Numerical Analysis for Research of Dynamics of Machines (for Master Students)         4.0           8         MMP533         Nonlinear Mechanics of Materials         3.0           9         MMP535         Fracture Theory         3.0           10         MTI1502         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTI1413         Fatigue and Damages of Materials of Mechanical Engineering Constructions         3.0           12         MTH412         Mechanics of Biological Systems         3.0           0         MEE507         Mechanics of Biological Systems         3.0           1         MEE413         Physics of Medical Imaging         4.0           2         ME5509         Medical Instrumentation         3.0           3         MEE407         Medical Equipment Design         5.0           4         MEE511         Radiation Safety in Medicine         3.0           4         MEE511         Radiation Safety in Medicine         3.0           2         MS18233         Thermal Engines         2.0           2         MS18323         Thermal Engines         2.0     <	4	MTM514	Vehicle Mechanics	4.0
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9         MMP535         Fracture Theory         3.0           10         MTH402         Dynamics and Control of Machines (for Master Degree students)         4.0           11         MTH413         Fatigue and Damages of Materials of Mechanical Engineering Constructions         3.0           12         MTH412         Mechanical Engineering Constructions         3.0           0         MEES07         Mechanics of Biological Systems         3.0           1         MEE413         Physics of Medical Imaging         4.0           2         ME5509         Medical Instrumentation         3.0           3         MEE407         Medical Equipment Design         5.0           4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           <	7	MTH504	Numerical Analysis for Research of Dynamics of Machines (for Master Students)	4.0
10 MTH502   Dynamics and Control of Machines (for Master Degree students)	8	MMP533	Nonlinear Mechanics of Materials	3.0
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2         MEE509         Medical Instrumentation         3.0           3         MEE407         Medical Equipment Design         5.0           4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HISP488         Business Sociology         2.0           3         HSP488         Business Sociology         2.0           4         HFL432         Ethics         2.0	0	MEE507	Mechanics of Biological Systems	3.0
3         MEE407         Medical Equipment Design         5.0           4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0	1	MEE413		4.0
4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           82         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7	2	MEE509	Medical Instrumentation	3.0
4         MEE511         Radiation Safety in Medicine         3.0           0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fumdamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           82         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP448         Psychology         2.0           6         HSP448         Psychology         2.0           7	3	MEE407	Medical Equipment Design	5.0
0         MTM407         Statistical Mechanics         4.0           1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8	4	MEE511		3.0
1         MSE278         Thermal Engines         2.0           2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9 <t< td=""><td>0</td><td></td><td></td><td>4.0</td></t<>	0			4.0
2         MSE323         Thermotechnical Measurements and Fundamentals of Automation         2.0           3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           82         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP448         Psychology         2.0           6         HSP446         Psychology         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10	1	MSE278	Thermal Engines	2.0
3         MSE428         Specialized Course in Ecology         2.0           4         MMP539         Vibrotechnology and Vibromachines         4.0           5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP484         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           C         Free Elective Study Co	2		Thermotechnical Measurements and Fumdamentals of Automation	2.0
5         MTM406         In Biological Systems Rooted Robots         3.0           6         MTM701         Biotextiles in Engineering Area         3.0           7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0	3		Specialized Course in Ecology	2.0
6       MTM701       Biotextiles in Engineering Area       3.0         7       MTM702       Introduction to Mechanics of Textile Materials       2.0         B2       Humanities and Social Sciences Study Courses       4.0         1       HSP483       Industrial Relations       2.0         2       HSP488       Business Sociology       2.0         3       HSP430       Social Psychology       2.0         4       HFL432       Ethics       2.0         5       HSP484       Psychology       2.0         6       HSP446       Pedagogy       2.0         7       HSP485       Communication Psychology       2.0         8       IUE217       Business Economics       2.0         9       IUE409       New Product Marketing       2.0         10       IUE307       Planning of Entrepreneurship       2.0         C       Free Elective Study Courses       4.0         E       Final Examination       20.0         1       MTM002       Master Thesis       20.0         2       MEE002       Master Thesis       20.0	4	MMP539	Vibrotechnology and Vibromachines	4.0
7         MTM702         Introduction to Mechanics of Textile Materials         2.0           B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	5	MTM406	In Biological Systems Rooted Robots	3.0
B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           I1         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	6	MTM701	Biotextiles in Engineering Area	3.0
B2         Humanities and Social Sciences Study Courses         4.0           1         HSP483         Industrial Relations         2.0           2         HSP488         Business Sociology         2.0           3         HSP430         Social Psychology         2.0           4         HFL432         Ethics         2.0           5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	7			2.0
1       HSP483       Industrial Relations       2.0         2       HSP488       Business Sociology       2.0         3       HSP430       Social Psychology       2.0         4       HFL432       Ethics       2.0         5       HSP484       Psychology       2.0         6       HSP446       Pedagogy       2.0         7       HSP485       Communication Psychology       2.0         8       IUE217       Business Economics       2.0         9       IUE409       New Product Marketing       2.0         10       IUE307       Planning of Entrepreneurship       2.0         11       IUV508       Legal Regulation of Entrepreneurship       2.0         C       Free Elective Study Courses       4.0         E       Final Examination       20.0         1       MTM002       Master Thesis       20.0         2       MEE002       Master Thesis       20.0	B2		Humanities and Social Sciences Study Courses	4.0
2       HSP488       Business Sociology       2.0         3       HSP430       Social Psychology       2.0         4       HFL432       Ethics       2.0         5       HSP484       Psychology       2.0         6       HSP446       Pedagogy       2.0         7       HSP485       Communication Psychology       2.0         8       IUE217       Business Economics       2.0         9       IUE409       New Product Marketing       2.0         10       IUE307       Planning of Entrepreneurship       2.0         11       IUV508       Legal Regulation of Entrepreneurship       2.0         C       Free Elective Study Courses       4.0         E       Final Examination       20.0         1       MTM002       Master Thesis       20.0         2       MEE002       Master Thesis       20.0	1	HSP483	Industrial Relations	
3       HSP430       Social Psychology       2.0         4       HFL432       Ethics       2.0         5       HSP484       Psychology       2.0         6       HSP446       Pedagogy       2.0         7       HSP485       Communication Psychology       2.0         8       IUE217       Business Economics       2.0         9       IUE409       New Product Marketing       2.0         10       IUE307       Planning of Entrepreneurship       2.0         11       IUV508       Legal Regulation of Entrepreneurship       2.0         C       Free Elective Study Courses       4.0         E       Final Examination       20.0         1       MTM002       Master Thesis       20.0         2       MEE002       Master Thesis       20.0	2	HSP488	Business Sociology	2.0
5         HSP484         Psychology         2.0           6         HSP446         Pedagogy         2.0           7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	3	HSP430	Social Psychology	2.0
6       HSP446       Pedagogy       2.0         7       HSP485       Communication Psychology       2.0         8       IUE217       Business Economics       2.0         9       IUE409       New Product Marketing       2.0         10       IUE307       Planning of Entrepreneurship       2.0         11       IUV508       Legal Regulation of Entrepreneurship       2.0         C       Free Elective Study Courses       4.0         E       Final Examination       20.0         1       MTM002       Master Thesis       20.0         2       MEE002       Master Thesis       20.0	4	HFL432	Ethics	2.0
7         HSP485         Communication Psychology         2.0           8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	5	HSP484	Psychology	2.0
8         IUE217         Business Economics         2.0           9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	6		Pedagogy	2.0
9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	7	HSP485	Communication Psychology	2.0
9         IUE409         New Product Marketing         2.0           10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	8	IUE217	Business Economics	2.0
10         IUE307         Planning of Entrepreneurship         2.0           11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	9			
11         IUV508         Legal Regulation of Entrepreneurship         2.0           C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	10		<u> </u>	
C         Free Elective Study Courses         4.0           E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0			<u> </u>	
E         Final Examination         20.0           1         MTM002         Master Thesis         20.0           2         MEE002         Master Thesis         20.0	С			4.0
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