

## STUDY PROGRAMMES OF THE TECHNICAL UNIVERSITY OF KOŠICE

FACULTY OF MINING, ECOLOGY, PROCESS CONTROL AND GEOTECHNOLOGY					
Study programmes	Level of study*	Form of study*	Length of study	Title	Language of study*
Automation and Process Control of Raw Materials Extraction and Processing	1.	FT/PT	3/4	Bc.	SK, EN
Mining and Geotechnics	1.	FT/PT	3/4	Bc.	SK, EN
Transport Logistics of Enterprise	1.	FT/PT	3/4	Bc.	SK, EN
Geodesy and Geographical Information Systems	1.	FT/PT	3/4	Bc.	SK, EN
Geodesy and Land Cadastre	1.	FT/PT	3/4	Bc.	SK, EN
Geology and Regional Development	1.	FT/PT	3/4	Bc.	SK
Geological Prospection	1.	FT/PT	3/4	Bc.	SK, EN
Geotourism	1.	FT/PT	3/4	Bc.	SK
Urban Water Management	1.	FT/PT	3/4	Bc.	SK, EN
Informatization of Processes of Raw Materials Extraction and Processing	1.	FT/PT	3/4	Bc.	SK, EN
Commercial logistics	1.	FT/PT	3/4	Bc.	SK, EN
Management of Processes	1.	FT/PT	3/4	Bc.	SK
Management of Earth's Resources	1.	FT/PT	3/4	Bc.	SK, EN
Mineralurgy and Environmental Technologies	1.	FT/PT	3/4	Bc.	SK, EN
Environmental Protection and Ecotechnologies of Raw Materials	1.	FT/PT	3/4	Bc.	SK, EN
Industrial Logistics	1.	FT/PT	3/4	Bc.	SK, EN
Quality Control of Processes of Raw Materials Extraction and Processing	1.	FT/PT	3/4	Bc.	SK, EN
Raw Materials Engineering	1.	FT/PT	3/4	Bc.	SK, EN
Technologies in Oil and Gas Industry	1.	FT/PT	3/4	Bc.	SK, EN
Use of Alternative Energy Resources	1.	FT/PT	3/4	Bc.	SK, EN
Rescue, Fire and Safety Technics	1.	FT/PT	3/4	Bc.	SK, EN
Process Control of Raw Materials Extraction and Processing	2.	FT/PT	2/3	Ing.	SK, EN
Transport Logistics of Enterprise	2.	FT/PT	2/3	Ing.	SK, EN
Geological Engineering	2.	FT/PT	2/3	Ing.	SK, EN
Geotourism	2.	FT/PT	2/3	Ing.	SK
Informatization of Processes of Raw Materials Extraction and Processing	2.	FT/PT	2/3	Ing.	SK, EN
Engineering Geodesy and Real Estate Register	2.	FT/PT	2/3	Ing.	SK, EN
Management of Earth's Resources	2.	FT/PT	2/3	Ing.	SK, EN
Mineralurgy and Environmental Technologies	2.	FT/PT	2/3	Ing.	SK, EN
Industrial Logistics	2.	FT/PT	2/3	Ing.	SK, EN
Quality Control of Processes of Raw Materials Extraction and Processing	2.	FT/PT	2/3	Ing.	SK, EN
Technologies of Mining and Tunnelling	2.	FT/PT	2/3	Ing.	SK, EN
Technologies in Oil and Gas Industry	2.	FT/PT	2/3	Ing.	SK, EN
Use of Alternative Energy Resources	2.	FT/PT	2/3	Ing.	SK, EN
Rescue, Fire and Safety Technics	2.	FT	2	Ing.	SK
Mining Geology and Geological Exploration	3.	FT/PT	3/4	PhD.	SK, EN
Mining Mechanization, Transport and Deep Hole Drilling	3.	FT/PT	3/4	PhD.	SK, EN
Mining Surveying and Geodesy	3.	D/E	3/4	PhD.	SK, EN
Economy of Earth's Resources	3.	FT/PT	3/4	PhD.	SK, EN
Mineralurgy and Environmental Technologies	3.	FT/PT	3/4	PhD.	SK, EN
Industrial Logistics	3.	FT/PT	3/4	PhD.	SK, EN
Process Control	3.	FT/PT	3/4	PhD.	SK, EN
Process Control of Raw Materials Extraction and Processing	3.	FT/PT	3/4	PhD.	SK, EN
Mining and Engineering Geotechnologies	3.	FT/PT	3/4	PhD.	SK, EN
Use and Protection of Earth Resources	3.	FT/PT	3/4	PhD.	SK, EN

## FACULTY OF MATERIALS, METALLURGY AND RECYCLING

Study programmes	Level of study*	Form of study*	Length of study	Title	Language of study*
Metallurgy	1.	FT/PT	3/4	Bc.	SK
Chemical processes in production of materials	1.	FT	3	Bc.	SK
Integrated Management Systems	1.	FT/PT	3/4	Bc.	SK
Construction materials in automotive industry	1.	FT	3	Bc.	SK
Materials	1.	FT/PT	3/4	Bc.	SK
Progressive materials and technologies	1.	FT	3	Bc.	SK
Control and modeling of metallurgical processes	1.	FT	3	Bc.	SK
Waste Treatment and Recycling	1.	FT/PT	3/4	Bc.	SK
Heat engineering and gas industry	1.	FT/PT	3/4	Bc.	SK
Foundry for automotive industry	1.	FT	3	Bc.	SK
Integrated Management Systems	2.	FT/PT	2/3	Ing.	SK
Metallurgy	2.	FT/PT	2/3	Ing.	SK
Materials Engineering	2.	FT/PT	2/3	Ing.	SK
Waste Treatment and Recycling	2.	FT/PT	2/3	Ing.	SK
Heat engineering and gas industry	2.	FT/PT	2/3	Ing.	SK
Materials Forming	2.	FT/PT	2/3	Ing.	SK
Foundry	2.	FT/PT	2/3	Ing.	SK
Production Quality Engineering	3.	FT/PT	4/5	PhD.	SK, EN
Metallurgy	3.	FT/PT	4/5	PhD.	SK
Materials Science	3.	FT/PT	4/5	PhD.	SK and EN
Plastic Deformations	3.	FT/PT	4/5	PhD.	SK, EN
Waste Treatment and Recycling	3.	FT/PT	4/5	PhD.	SK
Heat engineering	3.	FT/PT	4/5	PhD.	SK

## FACULTY OF MECHANICAL ENGINEERING

Study programmes	Level of study*	Form of study*	Length of study	Title	Language of study*
Automobile production	1.	FT	3	Bc.	SK
Quality and Safety	1.	FT	3	Bc.	SK and EN
Management of technical and environmental risks in engineering	1.	FT	3	Bc.	SK
Mechatronics	1.	FT	3	Bc.	SK
Computer-aided mechanical engineering production	1.	FT	3	Bc.	SK
Industrial engineering	1.	FT	3	Bc.	SK
Protetics and ortotics	1.	FT	3	Bc.	SK
Mechanical Engineering	1.	FT	3	Bc.	SK, EN
Environment protection engineering	1.	FT	3	Bc.	SK
Technology, management and innovation of engineering production	1.	FT	3	Bc.	SK
Management and economics of the company	1.	FT	3	Bc.	SK and EN
Applied mechanics	2.	FT	2	Ing.	SK
Automation and Control of Equipment and Processes	2.	FT	2	Ing.	SK
Automobile production	2.	FT	2	Ing.	SK, EN
Safety of technical systems	2.	FT	2	Ing.	SK
Digital engineering	2.	FT	2	Ing.	SK
Biomedical engineering	2.	FT	2	Ing.	SK
Transport machines and logistics	2.	FT	2	Ing.	SK
Power supply machines and equipment	2.	FT	2	Ing.	SK
Engineering of Production quality	2.	FT	2	Ing.	SK
Management of technical and environmental risks in engineering	2.	FT	2	Ing.	SK
Mechatronics	2.	FT	2	Ing.	SK
Measurement	2.	FT	2	Ing.	SK

Computer-aided mechanical engineering production	2.	FT	2	Ing.	SK
Industrial engineering	2.	FT	2	Ing.	SK
Management and economics of the company	2.	FT	2	Ing.	SK
Robotics	2.	FT	2	Ing.	SK, EN
Plastics processing	2.	FT	2	Ing.	SK
Mechanical engineering Technologies	2.	FT	2	Ing.	SK
Machines and machinery for building industry, agriculture and raw material processing	2.	FT	2	Ing.	SK
Mechanical engineering	2.	FT	2	Ing.	SK
Environmental protection technique	2.	FT	2	Ing.	SK
Production machines and equipment	2.	FT	2	Ing.	SK
Welding, joining and surface treatment	2.	FT	2	Ing.	SK
Applied mechanics	3.	FT/PT	4/5	PhD.	SK, EN
Automation and Control	3.	FT/PT	4/5	PhD.	SK
Safety of technical systems	3.	FT/PT	4/5	PhD.	SK
Biomedical engineering	3.	FT/PT	4/5	PhD.	SK, EN
Parts of machines and mechanisms	3.	FT/PT	4/5	PhD.	SK
Transport machines and equipment	3.	FT/PT	4/5	PhD.	SK
Power supply machines and equipment	3.	FT/PT	4/5	PhD.	SK
Mechatronics	3.	FT/PT	4/5	PhD.	SK
Metrology	3.	FT/PT	4/5	PhD.	SK
Industrial engineering	3.	FT/PT	4/5	PhD.	SK
Mechanical engineering technologies and materials	3.	FT/PT	4/5	PhD.	SK, EN
Production engineering	3.	FT/PT	4/5	PhD.	SK
Environment protection engineering	3.	FT/PT	4/5	PhD.	SK
<b>FAKULTY OF ELECTRICAL ENGINEERING AND INFORMATICS</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Electrical power engineering	1.	FT	3	Bc.	SK, EN
Automated Electrical Systems	1.	FT/PT	3/4	Bc.	SK, EN
Automotive Electronics	1.	FT	3	Bc.	SK, EN
Physical Engineering of Advanced Materials	1.	FT	3	Bc.	SK, EN
Business Informatics	1.	FT	3	Bc.	SK, EN
Informatics	1.	FT	3	Bc.	SK, EN
Intelligent System	1.	FT	3	Bc.	SK, EN
Multimedia communication technologies	1.	FT	3	Bc.	SK, EN
Computer Modelling	1.	FT	3	Bc.	SK, EN
Computer networks	1.	FT	3	Bc.	SK, EN
Industrial Electrical Engineering	1.	FT	3	Bc.	SK, EN
Smartelectronics	1.	FT	3	Bc.	SK, EN
Technologies in Automotive Electronics	1.	FT	3	Bc.	SK, EN
Automotive Electronics	2.	FT	2	Ing.	SK, EN
Electrical power engineering	2.	FT	2	Ing.	SK, EN
Electrical systems	2.	FT/PT	2/3	Ing.	SK, EN
Physical Engineering of Advanced Materials	2.	FT	2	Ing.	SK, EN
Business Informatics	2.	FT	2	Ing.	SK, EN
Informatics	2.	FT	2	Ing.	SK, EN
Intelligent System	2.	FT	2	Ing.	SK, EN
Multimedia communication technologies	2.	FT	2	Ing.	SK, EN
Computer Modelling	2.	FT	2	Ing.	SK, EN
Computer networks	2.	FT	2	Ing.	SK, EN
Industrial Electrical Engineering	2.	FT	2	Ing.	SK, EN

Smartelectronics	2.	FT	2	Ing.	SK, EN
Technologies in Automotive Electronics	2.	FT	2	Ing.	SK, EN
Electrical power engineering	3.	FT/PT	4/5	PhD.	SK, EN
Electrical Systems	3.	FT/PT	4/5	PhD.	SK, EN
Electronic Systems and Signal Processing	3.	FT/PT	4/5	PhD.	SK, EN
Physical Engineering of Advanced Materials	3.	FT/PT	4/5	PhD.	SK, EN
Business Informatics	3.	FT/PT	4/5	PhD.	SK, EN
Informatics	3.	FT/PT	4/5	PhD.	SK, EN
Intelligent System	3.	FT/PT	4/5	PhD.	SK, EN
Multimedia Communication Technologies	3.	FT/PT	4/5	PhD.	SK, EN
Computer Modelling	3.	FT/PT	4/5	PhD.	SK, EN
Computer networks	3.	FT/PT	4/5	PhD.	SK, EN
Industrial Electrical Engineering	3.	FT/PT	4/5	PhD.	SK, EN
Technologies in Automotive Electronics	3.	FT/PT	4/5	PhD.	SK, EN
<b>FACULTY OF CIVIL ENGINEERING</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Structural and Transportation Engineering	1.	FT	3	Bc.	SK, EN
Architectural Engineering	1.	FT	4	Bc.	SK, EN
Realization of Transportation Structures	1.	FT	3	Bc.	SK, EN
Structures for Sustainable Water Management in the Landscape	1.	FT	3	Bc.	SK, EN
Environmental structures	1.	FT	3	Bc.	SK, EN
Technology and Management in Civil Engineering	1.	FT	3	Bc.	SK, EN
Technology and Management in Civil Engineering	1.	PT	4	Bc.	SK
Building Structures	2.	FT	2	Ing.	SK, EN
Structural and Transportation Engineering	2.	FT	2	Ing.	SK, EN
Architectural Engineering	2.	FT	2	Ing.	SK, EN
Realization of Transportation Structures	2.	FT	2	Ing.	SK, EN
Structures for Sustainable Water Management in the Landscape	2.	FT	2	Ing.	SK, EN
Environmental structures	2.	FT	2	Ing.	SK, EN
Building Services	2.	FT	2	Ing.	SK, EN
Technology and Management in Civil Engineering	2.	FT/PT	2	Ing.	SK
Technology and Management in Civil Engineering	2.	FT	3	Ing.	EN
Environmental Engineering	3.	FT/PT	4/5	PhD.	SK, EN
Theory and Design of Structural Engineering	3.	FT/PT	4/5	PhD.	SK, EN
Theory of Technology and Management in Civil Engineering	3.	FT/PT	4/5	PhD.	SK, EN
Theory of Architectural and Indoor Engineering	3.	FT/PT	4/5	PhD.	SK, EN
<b>FAKULTY OF MANUFACTURING TECHNOLOGIES</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Manufacturing Management	1.	FT/PT	3/4	Bc.	SK, EN
Monitoring and Diagnostics of Technical Equipment	1.	FT/PT	3/4	Bc.	SK
Renewable Energy Sources	1.	FT/PT	3/4	Bc.	SK
Computer Aided Manufacturing Technologies	1.	FT/PT	3/4	Bc.	SK, EN
Computer Aided Design of Technical Systems	1.	FT/PT	3/4	Bc.	SK
Industrial Management	1.	FT/PT	3/4	Bc.	SK
Advanced Technologies	1.	FT/PT	3/4	Bc.	SK
Automotive Production Technologies	1.	FT/PT	3/4	Bc.	SK, EN
Manufacturing Management	2.	FT/PT	2/3	Ing.	SK, EN
Monitoring and Diagnostics of Technical Equipment	2.	FT/PT	2/3	Ing.	SK
Renewable Energy Sources	2.	FT/PT	2/3	Ing.	SK

Computer Aided Manufacturing Technologies	2.	FT/PT	2/3	Ing.	SK, EN
Computer Aided Design of Technical Systems	2.	FT/PT	2/3	Ing.	SK
Advanced Technologies	2.	FT/PT	2/3	Ing.	SK
Automotive Production Technologies	2.	FT/PT	2/3	Ing.	SK, EN
Technical Systems Design	3.	FT/PT	3/4	PhD.	SK
Computer Aided Manufacturing Technologies	3.	FT/PT	3/4	PhD.	SK, EN
Process Engineering	3.	FT/PT	3/4	PhD.	SK
Industrial Manufacturing Management	3.	FT/PT	3/4	PhD.	SK, EN
Manufacturing Technologies	3.	FT/PT	3/4	PhD.	SK, EN
<b>FACULTY OF ECONOMICS</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Finance, Banking and Investments	1.	FT/PT	3/4	Bc.	SK, EN
Economy and Management of Public Administration	1.	FT/PT	3/4	Bc.	SK, EN
Finance, Banking and Investments	2.	FT/PT	2/3	Ing.	SK, EN
Economy and Management of Public Administration	2.	FT/PT	2/3	Ing.	SK, EN
Finance	3.	FT/PT	3/4	PhD.	SK, EN
Spatial and Regional Economics	3.	FT/PT	3/4	PhD.	SK, EN
<b>FACULTY OF ARTS</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Architecture and urbanism	1.	FT	4	Bc.	SK
Design	1.	FT	4	Bc.	SK
Fine art	1.	FT	4	Bc.	SK
Design	2.	FT	2	Mgr.art.	SK
Architecture and urbanism	2.	FT	2	Ing.arch.	SK
Fine art	2.	FT	2	Mgr.art.	SK
Design	3.	FT/PT	4/5	ArtD.	SK
Fine art	3.	FT/PT	4/5	ArtD.	SK
<b>FACULTY OF AERONAUTICS</b>					
<b>Study programmes</b>	<b>Level of study*</b>	<b>Form of study*</b>	<b>Length of study</b>	<b>Title</b>	<b>Language of study*</b>
Air Traffic Controller	1.	FT	3	Bc.	SK and EN
Avionics Systems	1.	FT	3	Bc.	SK and EN
Aircraft Operation	1.	FT	3	Bc.	SK and EN
Professional Pilot	1.	FT	3	Bc.	SK and EN
Air Transport Management	1.	FT/PT	3/4	Bc.	SK and EN
Aircraft Operation	2.	FT	2	Ing.	SK and EN
Air Transport Management	2.	FT/PT	2/3	Ing.	SK and EN
Sensors and Avionics Systems	2.	FT	2	Ing.	SK and EN
Aircraft Operation	3.	FT/PT	3/4	PhD.	SK and EN
Aeronautical and Industrial Electronic Systems	3.	FT/PT	3/4	PhD.	SK and EN
Air Transport Management	3.	FT/PT	3/4	PhD.	SK and EN

**Key:**\* **Level of study** - 1. Level ("Bachelor" degree), 2. Level ("Magister" and "Engineer" degree), 3. Level ("Doctoral" degree)\* **Form of study** - FT (Full-time study), PT (Part-time study)\* **Language of study** - SK (Slovak Language), EN (English Language)

SK - A study programme taught in Slovak

EN - A study programme taught in English

SK, EN - A study programme taught in Slovak or English (a study programme is taught either in Slovak or in English – in two study programmes)

SK and EN - A study programme taught in Slovak and English (one part of a study programme is taught in Slovak and the other part is taught in English)