

COURSES OFFERED IN ENGLISH

Courses offered in English at **undergraduate** level of study:

Department of Mechanical Engineering

Professional Undergraduate Study of Mechanical Engineering

COURSE TITLE	SEMESTER	ECTS
Fundamentals of Electrical Engineering 1	I.	4.5
Fundamentals of Electrical Engineering 2	II.	4.5
Mechanics 1	I.	4.5
Mechanics 2	II.	4.0
Mechanics of Materials 1	II.	3.0
Mechanics of Materials 2	III.	3.0
Thermodynamics 1	III.	4.0
Mechanics of Fluids 1	III.	4.0
Computer aided Design	III.	2.5
Fundamentals of Automatic Regulations	IV.	4.0
Mechanical Constructions 1	IV.	5.0
Mechanical Constructions 2	V.	5.0
Quality Assurance	V.	2.0
Hydraulic Machines	V.	4.0

Professional Undergraduate Study of Mechatronics

COURSE TITLE	SEMESTER	ECTS
Fundamentals of Electrical Engineering 1	I.	5.0
Fundamentals of Electrical Engineering 2	II.	5.0
Fundamentals of informatics with practical applications	I.	4.0
Computer architecture	III.	3.0
Fundamentals of programming with C	III.	4.0
Signals and systems	III.	5.0
Logical algebra and digital automata	IV.	4.0
Computer networks	V.	4.0
Sensors	V.	5.0

Business Department

Professional Undergraduate Study of Hospitality

COURSE TITLE	SEMESTER	ECTS/per semester
Basics of Economics I	I.	5.0
Basics of Economics II	II.	5.0
Business English	I.-VI.	4.0
Hospitality Management	III., IV.	5.0
Fundamentals of Marketing	III.	4.0
Marketing in Hospitality	IV.	5.0
Fundamentals of Entrepreneurship	III.	4.0
Business Finance	V., VI.	5.0
Fundamentals of Management	V.	3.0
Travel Agency Management	V.	3.0
Evaluation of Cultural Heritage in Tourism	V.	3.0

Department of Food Processing Technology

Professional Undergraduate Study of Food Processing Technology

COURSE TITLE	SEMESTER	ECTS
English language I	I., II.	4.0
English language II	III., IV.	4.0
Biology	I.	5.0
Physical Chemistry	III.	5.0
Fundamentals of Microbiology	III.	5.0
The technology of cleaning and disinfection	III.	4.0
Environmental Technologies	III.	4.0
Brewing technology 1	IV.	6.0

Department of Wildlife Management and Nature Conservation

Professional Undergraduate Study of Wildlife Management and Nature Conservation

COURSE TITLE	SEMESTER	ECTS
Food production and nutrition of game animals I	II.	4.0
General ecology and zoecology	II.	5.0
Noninvasive methods of wildlife monitoring	III.	2.0
Nature conservation	IV.	5.0
Responsible tourism	V.	4.0
Management of Protected Areas	V.	6.0

Department of Safety and Protection

Professional Undergraduate Study of Safety and Protection

COURSE TITLE	SEMESTER	ECTS
Application of computers	II.	5.0
English language I	I., II.	3.0
English language II	III., IV.	3.0
The processes of burning and extinguishing	III.	4.5
Protection from fires and explosion	III.	4.0
Protection in Traffic and Transport	III.	3.0
Fire and explosion protection technology	IV.	5.0
Fire extinguishing systems and equipment	IV.	5.5
Construction and fire prevention	V.	4.0
Flammable and explosive material	V.	4.5

Courses offered in English at **graduate** level of study:

Department of Mechanical Engineering

Specialist Graduate Study of Mechanical Engineering

COURSE TITLE	SEMESTER	ECTS
3D Construction 1		
3D Construction 2		
Mechanical Integrity of Machines		
Vibrations and Machine Dynamics		
Designing Energy Plants		

Business Department

Specialist Graduate Study of Business Administration (Master of Business Administration)

COURSE TITLE	SEMESTER	ECTS
Microeconomics	I.	6.0
Macroeconomics	II.	6.0
Business English	II.	4.0
Fundamentals of Marketing	II.	5.0
Entrepreneurship Economics	I.	5.0
Management	II.	5.0
Innovation Management	IV.	5.0
Applied Logistics	IV.	5.0
Project Management	IV.	5.0
Global Economy and Sustainable Development	III.	6.0

Department of Safety and Protection

Specialist Graduate Study of Safety and Protection

COURSE TITLE	SEMESTER	ECTS
Planning and Programming Fire and Explosion Safety and Protection I	I.	7.0
Planning and Programming Fire and Explosion Safety and Protection II	II.	6.0
Managing fire protection using computers	II.	6.0
Methods of Fire Investigation	II.	7.0
Expertise of Fire and Explosion	III.	6.0