

**FACULTY OF
ELECTRICAL AND
ELECTRONICS
ENGINEERING**

- COURSES of the DEPARTMENT OF AUTOMATION
- COURSES of the DEPARTMENT OF ELECTRONICS ENGINEERING
- COURSES of the DEPARTMENT OF ELECTRIC POWER SYSTEMS
- COURSES of the PROJECTS and PRACTICE

DEPARTMENT OF AUTOMATION

Course code	Course title	ECTS	Semester
Bachelor's level courses			
T125B001	Automatic Control Fundamentals	6	spring
T190B302	Electric Drives	6	spring
T125B151	Modeling of Robotized Systems	6	spring
T125B005	Computer-aided Devices Control Systems	3	spring
T125B150	Control Systems and Programing of Robots	6	spring
T125B360	Programmable Logical Controllers	6	spring
Master's level courses			
T125M014	Modern Automatic Control Theory	6	spring
T125M008	Industrial Communication Networks	6	spring
T125M262	Computer-Aided Control of Technological Equipment	6	spring

DEPARTMENT OF ELECTRONICS ENGINEERING

Course code	Course title	ECTS Credits	Semester
Bachelor's level courses			
T170B303	Analogue Devices	6	spring
T190B014	Circuit Theory 1	6	spring
T170B151	Fundamentals of Digital and Microprocessor Systems	6	spring
Master's level courses			
B110M002	Digital Processing of Biomedical Signals	6	spring
B140M001	Medical Imaging	6	spring
T121M161	Digital Wireless Technologies	6	spring
T110M107	Embedded Systems Design	6	spring
B140M106	Biomedical Technology Management	6	spring

DEPARTMENT OF ELECTRIC POWER SYSTEMS

Course code	Course title	ECTS Credits	Semester
Bachelor's level courses			
T190B202	Electromechanics	6	spring
T190B010	Analysis of Electric Circuits 2	6	spring
T170B168	Fundamentals of Electrotechnic and Electronic	6	spring
T190B131	Power Electronics and Energy Converters	6	spring
T170B466	Applied Electronics	6	spring
T140B012	Technology of Wind and Hydro Energetics	6	spring
T140B111	Protective Relaying and Automation of Distributed Generation		
Master's level courses			
T500M109	Human-Computer Interaction	6	spring

PROJECT and PRACTICE*

Course code	Course title	ECTS Credits	Semester
Bachelor's level courses			
PR00B143	Additional Practice	12	autumn/spring
PR00B203	Additional Practice	18	autumn/spring
PR00B144	Additional Practice	24	autumn/spring
PR00B140	Project	12	autumn/spring
PR00B141	Project	18	autumn/spring
PR00B113	Project	24	autumn/spring
Master's level courses			
PR00M100	Additional Practice	12	autumn/spring
PR00M116	Additional Practice	18	autumn/spring
PR00M114	Project	18	autumn/spring
PR00M115	Project	24	autumn/spring

*it is necessary to coordinate with the Faculty of Electrical and Electronics Engineering before choosing a practice or project module, subject and supervisor.