

**FACULTY
OF
CHEMICAL
TECHNOLOGY**
Discrete courses
Bachelor courses
Autumn

Course code	Course title	ECTS Credits	Semester
T410B219	Technology of Pharmaceutical Formulations	6	autumn
T430B109	Sensory Evaluation of Products	3	autumn
T390B207	Polymer Technology	6	autumn
T350B125	Process Engineering 1	6	autumn
T430B136	Food Chemistry and Analysis 1	6	autumn
P004B001	Principles of Biochemistry	6	autumn
P370B102	Biopolymers	3	autumn
P370B006	Biomedical Polymers	6	autumn
B740B002	Chemical Pharmacology	6	autumn
P390B003	Organic Chemistry (Short course)	6	autumn
T500B101	Human Safety and Toxicology	3	autumn
P390B301	Organic Chemistry 1	6	autumn
P401B401	Chemistry (Inorganic chemistry)	6	autumn
P400B001	Physical Chemistry 1	6	autumn
T125B148	Modeling, Optimization and Control of Biotechnological Processes	6	autumn
PR00B107	Research Practice	6	autumn

Spring

Course code	Course title	ECTS Credits	Semester
T430B117	Food Chemistry and Analysis 2	3	spring
T270B803	Principles of Sustainable Development	6	spring
P300B503	Chemical Analysis	6	spring
T430B012	Food Biochemistry	3	spring
B420B102	Nutrition and Food Toxicology	6	spring
T430B137	Food Product Properties	6	spring
T430B140	Food Safety and Quality Management Systems	6	spring
T350B126	Process Engineering 2	6	spring
P370B002	Polymer Chemistry	6	spring
P310B001	Biochemistry	6	spring
P390B302	Organic Chemistry 2	6	spring
T270B105	Air Pollution Abatement	6	spring
T350B127	Modeling of Processes	6	spring
T152B001	Materials science	3	spring
T350B103	General Chemical Technology	6	spring
P400B002	Physical Chemistry 2	6	spring

Master courses

Autumn

Course code	Course title	ECTS Credits	Semester
T270M121	Modelling of Environmental Processes and Technologies	6	autumn
T270M122	Experimental Design and Data Analysis in Environmental Engineering	6	autumn
T270M123	Chemicals in Environment	6	autumn
P305M010	Methods of Environmental Analysis	6	autumn
T270M134	Sustainable Production	6	autumn
T350M110	Fluid Dynamics	6	autumn
T350M115	Chemical Reaction Engineering	6	autumn
T390M107	Engineering of Polymeric Materials	6	autumn
T350M119	Process Optimization	6	autumn
T500M112	Workers Safety and Health	6	autumn
T270M132	Environmental Nanotechnology	6	autumn
T430M102	Food Quality and Safety Management	6	autumn
T430M115	Food Safety and Toxicology	6	autumn
T490M105	Food Biotechnology	6	autumn
T430M129	Food Technology Practicum	3	autumn
T430M119	New Food Product Development	6	autumn
T430M114	Cereal and Confectionery Products: Science and Technology	6	autumn
T430M125	Dairy Products Science and Technology	6	autumn
T430M116	Fats Science and Processing	6	autumn
T430M124	Fermentation Science and Technology	6	autumn
T430M120	Meat Products Science and Technology	6	autumn
T430M107	Molecular Food Technology	6	autumn
T430M126	Functional Foods and Food Supplements	6	autumn
T430M024	Novel Methods of Food Processing	3	autumn
P400M103	Chemical Kinetics and Catalysis	6	autumn

Spring

Course code	Course title	ECTS Credits	Semester
T350M107	Heat and Mass Transfer	6	spring
P400M101	Analytical and Preparative Chromatography	6	spring
T390M237	Polymer Recycling	6	spring
T270M135	Sustainability Management and Law	6	spring
T490M110	Environmental Biotechnology	6	spring
T000M239	Eco-entrepreneurship Project	6	spring
T350M115	Chemical Reaction Engineering	6	spring
P400M103	Chemical Kinetics and Catalysis	6	spring