



Faculty: ENVIRONMENTAL ENGINEERING

Main field of study: ENVIRONMENTAL QUALITY MANAGEMENT (EQM)

Field of study code: W07-EQMA-000A-OSMW3

Form of studies: SECOND-LEVEL, FULL-TIME STUDIES

Course grid for the programme of study starting in the academic year: 2025/2026

1st year of studies

Semester 1	Le	Cl	La	Pr	Se
07EQM0-25S302006435					
Water quality management	2E	.	.	.	.
	2	.	.	.	.
07EQM0-25S301006419					
Water treatment technology	2E	.	1	.	1
	2	.	1	.	1
07EQM0-25S302006434					
Water supply systems	1	.	.	1	.
	1	.	.	1	.
07EQM0-25S301006422					
Raw materials management	1	.	.	.	1
	1	.	.	.	1
07EQM0-25S302006440					
Sanitary biology	1E	.	1	.	.
	1	.	1	.	.
07EQM0-25S301006425					
Indoor air quality	1	.	.	.	.
	1	.	.	.	.
07EQM0-25S301006424					
AutoCad	.	.	1	.	.
	.	.	1	.	.
			-		
Elective Courses Block A	1	.	.	.	.
	1	.	.	.	.
07EQM0-25S301006429					
Environmental chemistry	3	.	1	.	.
	3	.	2	.	.
07EQM0-25S301006430					
Engineering applications of mathematical statistics	1	1	.	.	.
	2	1	.	.	.
07EQM0-25S302006438					
Strategic management	2	.	.	.	.
	3	.	.	.	.
08EQM0-25S301006432					
Ethics of new and emerging technologies	1	.	.	.	.
	2	.	.	.	.
Foreign language course 2.1	.	2	.	.	.
	.	2	.	.	.

hours / ECTS in semester: 390 / 30

Optional courses in semester 1:

Optional course 1	Le	Cl	La	Pr	Se
07EQM0-25S301W06427					
Biomonitoring	1	.	.	.	.
	1	.	.	.	.
07EQM0-25S301W06428					
Methods and techniques of air pollutants measurement	1	.	.	.	.
	1	.	.	.	.

Semester 2	Le	Cl	La	Pr	Se
07EQM0-25S302W06445					
Wastewater treatment technology	2	.	1	.	1
	2	.	1	.	1
08EQM0-25S301006431					
Waste gases purification	2E	1	.	.	.
	2	1	.	.	.
07EQM0-25S302006436					
Environmental toxicology	1	.	1	.	.
	1	.	1	.	.
07EQM0-25S302006437					
Environmental health hazards	2	.	.	.	.
	2	.	.	.	.
07EQM0-25S301006423					
Solid waste management	2E	.	1	.	.
	2	.	1	.	.
07EQM0-25S302006439					
Biodegradable materials	2	.	.	.	.
	2	.	.	.	.
07EQM0-25S302006440					
Reliability of engineering systems	2	1	.	.	.
	2	1	.	.	.
07EQM0-25S302006446					
Sewage systems	1	.	.	1	.
	2	.	.	1	.
07EQM0-25S302006442					
Membrane separation processes in environmental protection	1	.	1	.	.
	2	.	1	.	.
07EQM0-25S301006422					
Renewable energy systems	1	.	.	.	.
	2	.	.	.	.
			-		
Elective Courses Block B	.	.	1	.	.
	.	.	1	.	.
07EQM0-25S302006441					
Spatial planning	1	.	.	.	.
	2	.	.	.	.

hours / ECTS in semester: 390 / 30

Optional courses in semester 2:

Optional course 2	Le	Cl	La	Pr	Se
07EQM0-25S302W06444					
Automation in environmental engineering	.	.	1	.	.
	.	.	1	.	.
01EQM0-25S302003757					
Thermal comfort and microclimate	.	.	1	.	.
	.	.	1	.	.

2nd year of studies

Semester 3	Le	Cl	La	Pr	Se
07EQM0-25S303006447					
Organization of construction works	1	.	.	.	.
	1	.	.	.	.
07EQM0-25S303006448					
Building regulations	2	.	.	.	.
	2	.	.	.	.
07EQM0-25S303000315					
Diploma seminar	.	.	.	.	2
	.	.	.	.	2
07EQM0-25S303004946					
Master thesis	.	.	.	.	.
	.	.	.	16	.
07EQM0-25S303004928					
Environmental management	2	.	.	.	.
	2	.	.	.	.
			-		
Elective Courses Block C	1	.	1	.	.
	2	.	2	.	.
	.	4	.	.	.
	.	3	.	.	.

hours / ECTS in semester: 305 / 30

Optional courses in semester 3:

Optional course 2	Le	Cl	La	Pr	Se
07EQM0-25S303W06450					
Air pollutants and their sources	1	.	1	.	.
	2	.	2	.	.
07EQM0-25S303W06451					
Modeling of water and sewage treatment processes	1	.	1	.	.
	2	.	2	.	.

Markings:

Course name	course cod
	hours per week *
	ECTS points

Obligatory main-field-of-study courses
Optional main-field-of-study courses

General education courses
University-wide courses

* E - lecture ending with an exam