



Państwowa Akademia  
Nauk Stosowanych  
w Krośnie

# Course catalogue for Erasmus students

## *Environmental Engineering*

Academic year 2026/2027

### Winter semester 2026/2027

Course name in English (in Polish)	Year of study, semester of study in the cycle	Number of hours, form of classes	ECTS	Form of credit	Language of the course
<b>Biology and ecology</b> (Biologia i ekologia)	II, 3	10 lecture, 20 project- based class	2	credit	PL/ENG
<b>Protection of aquatic ecosystems</b> (Ochrona ekosystemów wodnych)	III, 5	15 lecture, 15 project- based class	2	credit	ENG
<b>Waste management with elements of circular economy</b> (Gospodarka odpadami z elementami gospodarki cyrkularnej)	II, 3	20 lecture + 30 design exercises	4	credit	PL/ENG
<b>Hydrotechnical structures</b> (Budowle hydrotechniczne)	III, 5	15 lecture + 30 design exercises	4	exam	PL/ENG
<b>Sewerage</b> (Kanalizacje)	III, 5	15 lecture + 30 design exercises	5	exam	PL/ENG
<b>Environmental monitoring</b> (Monitoring środowiska)	III, 5	15 lecture + 15 design exercises	2	credit	PL/ENG
<b>Soil mechanics and geotechnics</b> (Mechanika gruntów i geotechnika)	II, 3	15 lecture + 15 audytorium+30 lab exercises	4	exam	PL/ENG

### Spring semester 2026/2027

Course name in English (in Polish)	Year of study, semester of study in the cycle	Number of hours, form of classes	ECTS	Form of credit	Language of the course
<b>Water resources management and conservation</b> (Gospodarka wodna i ochrona wód)	II, 4	15 lecture, 30 project-based class	2	credit	PL/ENG
<b>Water and wastewater treatment technologies</b> (Technologia wody i ścieków)	II, 4	20 lecture, 30 project-based class, 20 laboratories	4	exam	PL/ENG

<b>Environmental protection</b> (Ochrona środowiska)	I, 2	10 lecture + 15 audytorium	3	exam	PL/ENG
<b>Environmental geophysics</b> (Geofizyka środowiska)	II, 4	15 lecture + 30 lab exercises	2	credit	PL/ENG
<b>Melioration</b> (Melioracje)	III, 6	20 lecture + 40 design exercises	4	exam	PL/ENG

## Optional courses

Courses are implemented in the winter semester and summer semester, provided a minimum of 5 students participate.

Course name in English (in Polish)	Year of study, semester of study in the cycle	Number of hours, form of classes	ECTS	Form of credit	Language of the subject
<b>Polish for Foreigners</b>	For Erasmus students only	15 class	2	credit	ENG
<b>Introduction to Poland</b>	For Erasmus students only	15 class	2	credit	ENG
<b>Lean management</b>	For Erasmus students only	15 class	2	credit	ENG
<b>Work improvements with AI solutions</b>	For Erasmus students only	15 class	2	credit	ENG

## Supplementary courses

Students pursuing a degree in Environmental Engineering can also choose courses from the catalog of the Civil Engineering major.