COURSE CATALOGUE - Environmental engineering
RZESZÓW UNIVERSITY OF TECHNOLOGY

Bachelor's degree studies

No.	Subject	Hours						I winter semester						II summer semester						III winter semester						IV summer semester						V winter semester						VI summer semester						VII winter semester					
		Total	L	C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS
1	Technical drawing and descriptive geometry	60	30	15	0	15	4	30	E	15		15	4																																				
2	Chemistry	90	35	25	30	0	8	20		25			3	15	E		30		5																														
3	Geodesy and spatial information systems	50	20	0	30	0	3							20			30		3																														
4	Hydrology and Earth science	60	30	0	0	30	4													30	E			30	4																								
5	Water treatment technology I	60	30	0	30	0	4													30			30		4																								
6	Soil mechanics and geotechnics	45	30	0	15	0	4													30			15		4																								
7	Building and engineering structures	75	30	0	0	45	6													15				30	3	15				15	3																		
8	Air protection	30	15	0	0	15	3																			15				15	3																		
9	Technology and devices for wastewater treatment	120	45	15	30	30	8																			30			30		4	15		15		30	4												
10	Waterworks and water supply systems	135	60	15	0	60	11																			30		15		30	6	30	E			30	5												
11	Pumps and ventilators in heating and ventilation	40	15	0	0	25	4																									15	E			25	4												
12	Heating and heat engineering	120	60	0	15	45	10																									30				15	5	30	E		15	30	5						
13	Wastewater discharge and sewage systems	135	60	15	0	60	9																									30		15		30	5	30	E			30	4						
14	Ventilation and air conditioning	40	15	0	0	25	4																															15				25	4						
15	Sanitary Installation	60	30	0	0	30	4																															30				30	4						
16	Protection of waters and water management	40	15	0	0	25	4																																					15				25	4
17	I step Diploma Project	30	0	30	0	0	15																																						E	30			15

Master's degree studies

No.	Subject	Hours						I summer semester						II winter semester					
		Total	L	C	Lb	P	ECTS	L		C	Lb	P	ECTS	L		C	Lb	P	ECTS
1	Wastewater treatment systems	45	15	0	30	0	3	15	E		30		3						
2	Environmental monitoring	30	15	15	0	0	2	15		15			2						
3	Storage reservoirs in sewage systems	45	15	0	0	30	4							15	E			30	4
4	Ecological technologies	30	15	15	0	0	3							15		15			3
5	Balneotechnology	30	15	0	0	15	3							15	E			15	3
6	Rural water supply and sanitation	65	25	0	15	25	4							25	E		15	25	4
7	Cooling	30	15	0	0	15	3							15				15	3
8	Heat sources and heat management	60	30	0	0	30	4							30	E			30	4
9	Environmental microbiology	30	15	0	15	0	3							15	E		15		3
10	Toxicology	45	30	0	15	0	3							30			15		3

Explanation of abbreviations:

L - Lecture

C - Classes

Lb - Laboratory

P - Project

E - Examination