

	Modules	Credits	Type of the course
Semester I.			
1	General and inorganic chemistry	4	Basic training
2	Physical chemistry, water chemistry and corrosion basics	3	Basic training
3	Fundamental and water microbiology	2	Basic training
4	Analytics in water treatment	3	Basic training
5	Basics of Mechanical Engineering	4	Basic training
6	Water and wastewater processing	2	Professional training
7	Water treatment	2	Professional training
8	Municipal Sewage Treatment	3	Professional training
9	Instruments, measurement technology and automation of water treatment	5	Professional training
10	Studies in energetics I.	2	Professional training
Semester II.			
11	Studies in energetics II.	2	Professional training
12	Special water and wastewater treatment requirements of different industrial areas and of the public services	7	Professional training
13	Water-intake, sewer system, public services	3	Professional training
14	Quality Assurance of Drinking and Waste Water Treatment and Safety Technique	2	Professional training
15	Business Economics	1	Professional training
16	Resilience of natural waters	1	Professional training
17	Modern calculation methods in the water chemistry and process technology	2	Professional training
18	Water chemistry and technology laboratory	6	Professional training
19	Thesis	6	Professional training
Total		60	