



Faculty of Petroleum Refining and Petrochemistry

Study Program: Advanced Technologies in Environmental Protection Engineering

Study period: 1,5 years Master Program
 Academic year structure: 2 semesters (14 weeks per semester/10 weeks for the final semester)
 Examination sessions: winter session (January/February)
 summer session (June/July)
 Total ECTS: 90

Courses per year (C-course, S-seminar, L-Laboratory, P-project)

1st YEAR

No	Course	1 st Semester					2 nd Semester				
		C	S	L	P	ECTS	C	S	L	P	ECTS
1	Potable and industrial water technologies	2	2	-	-	4					
2	Waste Management	2	2	-	-	4					
3	Pollutants Analysis	3	-	3	-	7					
4	Non-catalytic technologies and equipment for protection and purification of the atmosphere	2	-	1	2	5					
5	Balance studies and environmental impact	2	-	-	2	5					
6	Environmental and legislation management	2	2	-	-	5					
7	Catalytic technologies and equipment for protection and purification of the atmosphere						3	-	1	2	7
8	Technologies and equipment for wastewater treatment						2	-	2	-	5
9	Waste processing technologies and equipment						2	-	2	-	5
10	Soil depollution technologies and equipment						2	-	2	-	4
11	Computer design of environmental protection equipment						2	-	-	3	5
12	Professional practice						-	-	-	-	4

2nd YEAR

No	Course	1 st Semester				
		C	S	L	P	ECTS
1	Technologies to combat harmful noise and radiation	3	2	-	-	5
2	Non-polluting energy sources	2	3	-	2	5
3	Sustainable energy development	3	2	-	2	6



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4	Ethics and academic integrity	2	1	-	-	3
5	Elaboration of Dissertation Project (4 weeks)	-	-	-	-	7
6	Corrosion engineering	2	1	-	-	4