

Years	Semester	No.	Code	Title	Type of control	Credit hours per week		Total hours in the semester	Credits	
						Л	У/С			
FIRST YEAR	FIRST	1.	172127	<i>Required:</i> Environmental chemistry	E	3	3	90	5,0	
		2.	172128	Automation of geoecological processes	E	3	3	90	5,0	
		3.	172129	Bioreactors in geoecology	E	3	3	90	5,0	
		4.	172135	Atmosphere and environment	E	3	3	90	5,0	
		5.	172231 172242	<i>Elective (one of the two):</i> Radioecology Hydrology and climatology	E	3 3	3 3	90 90	5,0 5,0	
			Total of First semester:				15	15	450	25
	SECOND	SECOND	6.	172132	<i>Required:</i> Polluted soils treatment	E	3	3	90	5,0
			7.	172130	Industrial wastewaters treatment	E	3	3	90	5,0
			8.	172133	Selective systems for treatment of hazardous wastes	E	3	3	90	5,0
			9.	172158	Biosensors and bioindicators	E	3	3	90	5,0
			10.	172136	Management of lands and landscapes damaged by mining activities	E E	3 2	3 2	90 60	5,0 4,0
11.			112233 362217	<i>Elective (one of the two):</i> Modelling of geoecological processes Geology, research and exploration of oil and gas fields	E E	3 3	3 3	90 90	5,0 5,0	
		Total of Second semester:				17	17	510	29	
SECOND	THIRD			Pre-diploma practice and Diploma Thesis defence					15	
				Total credit hours and credits of the whole educational course		32	32	960	69	

Admission of Master's degree students from other universities: 7 required course units within two semesters: General and Geological Microbiology (teaching hours – 84; credits 7.3), Fundamentals of Ecology (teaching hours – 91, credit 8.5), Fundamentals of Environmental Protection (teaching hours – 78, credit 5.5), Processes and Equipment in Geoecology (teaching hours – 78, credit 6.0), Ecological Monitoring (teaching hours -70, credits 6.0), Water Protection and Treatment (teaching hours – 84, credits 7.0), Environment Impact Assessment (teaching hours -84, credits 6.0).

Part-time course of study: The same course units with 50% of the teaching hours, the duration of study can be extended with one semester.

The Master's degree students from other universities have to enroll in the paid form of study.