



Bachelor degree study programme: Environmental Science and Protection

Faculty of Natural Sciences

Curriculum

No.	Study course	Course code	ECTS Credits
I Year, I Semester			
1.	A group courses		10
3.	Mathematics	MFITB004	6
4.	Basic Ecology	APLN1001	4
5.	General and Analytical Chemistry	BBK2001	5
6.	Animal Biology	BIO2005	6
		Total:	31
II Semester			
1.	A group courses		6
2.	Organic and Bioorganic Chemistry	BBK2002	6
3.	General Physics	FIZ1006	6
4.	Environment and Development	APL2001	5
5.	Environmental Geology	APL1003	6
6.	Practice of Environmental Geology and Ecology	APL1002	5
		Total:	34
II Year, III Semester			
1.	Computer's literacy	INF0203	4
2.	A or B group courses		6
3.	Meteorology and climatology	APL2003	5
4.	Professional Language of Natural Sciences	LKG2002	3
5.	Water Ecology	APL3010	5
	Elective Courses (1):		
6.	Animal Ecology	BIO3009	5
6.	Biochemistry	BBK3001	6
6.	General Genetics	BIO3005	6
		Total:	27
IV Semester			
1.	A or B group courses		10
2.	Physicochemical Analysis	BBK3002	6
3.	Plant Ecophysiology	GAB2002	6
4.	Soil Ecology	APL3003	6
5.	Practice of Environmental Sciences	APL2002	6



		Total:	34
III Year, V Semester			
1.	A group courses		4
2.	Environmental Bioindication	APL3001	6
3.	Statistic in Environmental and Biology	MAT2012	6
4.	Environmental Quality Assessment and Monitoring	APL3014	6
	Elective Courses (1):		
5.	Geophysics	APL3015	4
5.	Geomorphology	APL3016	5
5.	Cell Biology	BBK4001	6
		Total:	26
VI Semester			
1.	Human Ecology	APL3005	5
2.	Environmental Chemistry	APL4001	6
3.	Environmental Engineering	APL3006	5
4.	Research Paper 1	APL3008	3
5.	Environmental Engineering Practice	APL3011	5
	Elective Courses (1):		
6.	Biogeography	BIO3015	4
6.	Population and Ecology Genetics	BIO3028	5
		Total:	28
IV Year, VII Semester			
1.	Environmental Toxicology	APL4011	6
2.	Landscape Geography and Environmental Protection	APL4021	5
3.	Biodiversity Conservation	APL4016	5
4.	Basics of Geographical Information Systems	APL4004	6
5.	Environmental Policy and Law	APL4022	4
6.	Research Paper 2	APL4007	3
		Total:	30
VIII Semester			
1.	Environmental Resources Management	APL4010	5
2.	Global Environmental and Ecosystems Changes	APL4014	5
3.	Environmental Economics	APL4023	6
4.	Bachelor Graduation Paper	BEN0002	15
		Total:	30
	Total for the Programme:		240