



Environmental Sciences and Protection Minor Study Programme

Purpose of the program	The aim of the program is to provide the most important knowledge in the field of Environmental Science and develop the skills necessary for environmental specialists who are able to monitor and study the state of the environment, analyze natural and human-induced environmental and climate changes, assess their impact on wildlife and human health, and, based on the principles of sustainable development, justify measures to reduce environmental impact.
Study results (acquired competencies)	Students who complete this program will be able to: <ul style="list-style-type: none"> • Understand the main natural and anthropogenic components of the environment, their mutual interaction and impact on the state of the natural environment. • Explain the most relevant local, regional and global environmental problems caused by human activity. • Apply modern quantitative and qualitative methods of environmental monitoring and analysis. • Justify measures to reduce environmental impact based on the principles of sustainable development
Contacts	Faculty of Natural Sciences Address Universiteto g. 10-314, Akademija, Kauno dist. Phone (+370 37) 327 902

Course title	Course code	Credits
Compulsory courses:		
Human Ecology	APLN3005	5
Environmental Chemistry	APL 4001	6
Environmental Policy and Law	APL 4022	4
Basics of Geographical Information Systems	APL 4004	6
Environmental Toxicology	APL 4011	6
Final project of minor studies in environmental science and protection		6
Optional courses (at least 6 credits):		
Basic ecology	APLN1001	4
Environmental geology	APL 1003	6
Statistics in Environment and Biology	MAT 2012	6
Plant Physiological Ecology	APL2004	6
Environmental Bioindication	APL 3001	6
Water Ecology	APLN3010	5
Soil Ecology	APL 3003	6
Environmental Engineering	APLN3006	5
Biodiversity Conservation	APL 4016	5
Landscape Geography and Environmental Protection	APL4021	5
Environmental Economics	APL4023	6
Environmental Resources Management	APLN4010	5
Environmental science (A)	APLN 0201	4
Professional Language of Natural Sciences	LGF 2002	3
Mathematics	MAT1001	6
Total:		40