

PROGRAMME PROFILE

Educational Programme	Environmental Geography
Degree Awarded	Bachelor
Standard Length of Studies (Number of ECTS Credits)	3 years - 6 semesters -180 ECTS
Type of Study	Full-time
Higher Education Institution	“Babeş-Bolyai” University, Cluj-Napoca, Romania
Faculty / Department	Faculty of Environmental Science and Engineering
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Profile of the Degree Programme	Bachelor in Environmental Geography
Target Group / Addressees	Students interested in developing skills for a career in environmental science (e.g. environmental management, environmental protection and consulting, biodiversity, waste management, resources management, climate change, local and global environmental issues)
Entrance Conditions	High school diploma (Baccalaureate) <ul style="list-style-type: none"> • 50% general grade average in high school • 50% baccalaureate examination score
Further Education Possibilities	Master Studies, Doctoral Studies
Description of Study	<p>Environmental geography plays a leading role in developing the objectives of environmental education. Environmental geography is defined not as the study of territorial relationships, but as the study of how humans, human activities and the natural world interact. Environmental geography offers solutions to critical territorial issues.</p> <p>The program requires an understanding of the structure and dynamics of geomorphology, hydrology, climatology, meteorology, biogeography, geology and soil science, as well as the ways in which human societies conceptualize the environment. The curriculum and syllabi provide an integrative knowledge in theoretical and practical environmental issues.</p> <p>This program draws on courses within modern geography, including courses dealing with environmental issues, assessment and management.</p> <p>Environmental geography offers an important set of analytical tools for assessing the impact of human activity on the environment by measuring the effect of human actions on natural environment. Research, teaching, and learning methods are diverse, ranging from lectures and seminars through to a variety of practical work and field studies.</p>

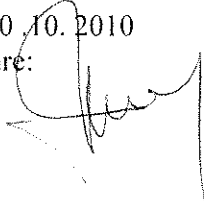
<p>Purposes of the Programme</p>	<p>Main objective</p> <p>Training of environmental geographers and specialists</p> <p>General objectives:</p> <ul style="list-style-type: none"> • Create dynamic and attractive interdisciplinary studies, real-world skills, and problem solving • The curriculum gives a comprehensive picture of environmental issues • Provide the students with the necessary practical skills for conducting a major research projects • Provide graduates the skills necessary for identifying solutions to environmental problems. • Create an infrastructure for teaching and research performance, which enables a high quality teaching and scientific research at competitive standards • Promote national and international scientific cooperation in order to achieve competitive research network in environmental studies • Promote mobility of students, teachers and researchers in the European Higher Education Area • Promote the quality in higher education, curriculum development, and institutional cooperation <p>Specific objectives:</p> <ul style="list-style-type: none"> • Integrated knowledge of environment (e.g. structure, dynamics, function, management); • Analytical knowledge of the physical components (e.g. substrate, atmosphere, hydrosphere, soil, geomorphology), biotic components, and human activity • Knowledge of environments (e.g. natural environment, urban environment, rural environment, building environment, polluted environment etc) • Learning methodology of environmental assessment and management for various purposes (impact studies, environmental audit, risk studies, restoration studies, geographical studies) • Practical training and applying of technical skills (e.g. laboratory techniques, investigative "in situ" methods, computer techniques, data processing and analysis, Geographical Information Systems)
<p>Specialization / Area of Expertise</p>	<p>The study programme aims to form specialists in the field of environmental sciences, which after graduation will be interdisciplinary trained:</p> <ul style="list-style-type: none"> • Having knowledge in geography, environmental analysis, environmental assessment and management • Identifying and evaluating of territorial situations within the environmental context • Coordinating activities to prevent environmental pollution

	<ul style="list-style-type: none"> • Predicting and mitigating the environmental effects • Having knowledge in sustainable development • Obtaining general knowledge of environmental and landscape protection policies • Planning, organizing and controlling of environmental projects and studies
Extra Peculiarities	-
Practical Training	<p>4 weeks (40 hours / week) of practical training distributed during the first year of study (two weeks) and the second year of study (two weeks):</p> <ul style="list-style-type: none"> • During the first and second years of study, second semester (April-May) an environmental field trip of one week • During the first and second year of study, practical internship of one week in partner institutions
Final Examinations	Research thesis
Gained Abilities and Skills	<ul style="list-style-type: none"> • Computing skills in environmental assessment and modelling (e.g. Geographical Information Systems) • The competence of providing sustainable instruments during the environmental decision-making process • Verbal and written communication skills for specific purposes in at least one international circulation language • The capacity of individual and/or interdisciplinary team working practice in resolving complex environmental issues • Competences in applying methods and techniques of environmental analysis, assessment and planning • The ability to identify the proper solutions and measures for real environmental situations • The competence of elaborating environmental studies in conformity with the actual legislation • The capacity to interpret and operate with information, data and indices from varied technical or scientifically fields of expertise • Capacity to managing specific activities, to carry out territorial analysis and provide expertise on issues related to environmental management, environmental assessment, and environmental planning
Job Placement, Potential Field of Professional Activity	<p>Graduates find employment in a diverse array of career opportunities including local and national agencies focused on environmental protection. They will be able to operate as:</p> <ul style="list-style-type: none"> • Environmental specialists in local, national, and European institutions • Teachers or trainers in subjects related to environmental sciences (e.g. geography, environmental protection, environmental science and

	<p>consulting) – based on graduating of the pedagogical module, at all educational levels</p> <ul style="list-style-type: none">• Consultants or experts within NGOs, firms, companies, environmental protection, environmental management and planning
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Date: 20.10.2010

Signature:

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