

Educational Programme	Environmental Management and Protection
Degree Awarded	Master in Environmental Management and Protection
Standard Length of Studies (Number of ECTS Credits)	2 years – 4 semesters – 120 ECTS
Type of Study	Full-time
Higher Education Institution	Babeş-Bolyai University
Faculty / Department	Faculty of Environmental Science and Engineering
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Profile of the Degree Programme	Environmental Science
Target Group / Addressees	Graduates in Environmental Science, Environmental Engineering, Geography, Physics, Chemistry, Biology, Economics.
Entrance Conditions	60% of the total represents the overall undergraduate average grade and 40% represents the average grade of the graduation exams.
Further Education Possibilities	The master's programme aims at providing students with the appropriate tools for further doctoral studies and to become professional experts in the field.
Description of Study	<p>The master's program in Environmental Management and Protection aims to enlarge the knowledge and practical skills of the master in this multidisciplinary field of study.</p> <p><i>Core courses:</i> Environmental impact assessment, Water resources management, Environmental radioactivity, Natural and anthropogenic risks management, Biodiversity conservation, Environmental legislation, Environmental impact of mining, Soil protection, Stable isotopes and climate reconstruction.</p> <p><i>Partner universities and institutions:</i> Istituto Nazionale di Geofisica e Vulcanologia Rome, University of Porto, US Environmental Protection Agency, Seoul National University.</p>
Purposes of the Programme	The main purpose of the programme is to give the students a wider understanding of the complex environmental systems and the interrelation between the human society and the different environmental compartments.
Specialization / Area of Expertise	The students of the masters degree programme will gain/increase their expertise in managing the natural resources taking into account the principles of the sustainable development, prevention and remediation of the pollution, management of the environmental risk.
Extra Peculiarities	-
Practical Training	Throughout the course students are required to undertake one semester of research work at Babeş-Bolyai University or abroad.
Final Examinations	Research master thesis

Gained Abilities and Skills	<p>The students will gain specific abilities and skills:</p> <ul style="list-style-type: none"> - assessment of the environmental impact of human activities - managing in an appropriate way the natural resources (water, mineral resources, soil, etc) - assessing and managing the environmental risk induced by natural or anthropogenic phenomena - Principles of the environmental legislation - Understanding the environmental radioactivity issues
Job Placement, Potential Field of Professional Activity	<p>Possible job placements:</p> <ul style="list-style-type: none"> - researcher in environmental assessment and analysis centers - expert in governmental agencies, local administration - environmental expert in economic enterprises

Prof. Calin Baciu



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