

Educational Programme	Environmental chemistry
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
Faculty / Department	Faculty of Chemistry and Chemical Engineering
Contact Person	Assoc. Prof. Maria Stanca PhD
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Profile of the Degree Programme	Environmental Chemistry
Target Group / Addressees	Graduates of secondary education with basic level of knowledge in chemistry interested in further developing of skills in the field of environmental chemistry.
Entrance Conditions	30% baccalaureate examination score + 70% average grade at the subject of chemistry over forms IX-XII.
Further Education Possibilities	Master Studies
Description of Study	Knowledge and skills in the field of environmental chemistry (analytical, green and environmental chemistry, chemical pollutants).
Purposes of the Programme	To prepare specialists in Environmental Chemistry, able to identify, to analyze and to monitor the pollution sources (in water, air and soil).
Specialization / Area of Expertise	The curriculum of this program provides basic training in the area of chemical control of environment and depollution.
Extra Peculiarities	-
Practical Training	Throughout the course students are required to undertake the practical work at Babeş-Bolyai University, industrial companies, laboratories of chemical analysis.
Final Examinations	Graduation thesis
Gained Abilities and Skills	The ability to identify, analyze, evaluate, monitor and control the pollutant sources in environment (air, water and soil). The ability to apply analytical methods to reduce, prevent, and treat environmental pollution and the ability to find and choose solutions for management of wastes depending on the physico-chemical properties.
Job Placement, Potential Field of Professional Activity	The graduate of the specialization Environmental Chemistry can work in: <ul style="list-style-type: none"> • Environmental agencies, water and sewerage companies, laboratories for research in environmental protection; • Consulting services at firms dealing with wastewater treatment. • Any chemical lab in industry • On condition of promoting The Program of Psycho-Pedagogical Studies Ist Level, the holder of this certificate can work as a teacher in the compulsory

	pre-university educational system.
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Date: 28.10.2010

Signature: