

PROGRAMME PROFILE

Educational Programme	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	Babes-Bolyai University
Faculty / Department	Faculty of Chemistry and Chemical Engineering
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Profile of the Degree Programme	Chemistry
Target Group / Addressees	Graduates of secondary education with basic level of knowledge in chemistry wishing to further develop competencies in this field.
Entrance Conditions	30% baccalaureate examination score + 70% average grade at the topic chemistry over IX-XII high school grade.
Further Education Possibilities	Master Studies in Advanced Chemistry
Description of Study	Knowledge and skills in the field of chemistry (analytical, inorganic, organic, physical-chemistry and biochemistry, chemical technology).
Purposes of the Programme	To prepare specialists in Chemistry. To ensure the compatibility of this local programme with the European Union quality standards regarding chemistry graduates; To prepare chemists able to become potential researchers and teachers in education institutions.
Specialization / Area of Expertise	Expertise in chemistry is required in many laboratories of analysis and quality control associated to industry, medicine, environmental agencies and many other fields.
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 capacity of understanding general chemical phenomena. The ability to apply the knowledge in chemistry for solving theoretical and practical problems. To establish interpersonal relationships that facilitate teamwork. The ability to teach chemistry on condition of obtaining the Certificate of graduation of The Program of Psychopedagogical Studies.
Job Placement, Potential Field of Professional Activity	The graduates in Chemistry can occupy a position of chemist in laboratories of analysis and quality control from the chemical, pharmaceutical, cosmetics, food industry, in consulting services marketing materials and equipment specific to chemical laboratories, but also in every company running activities that involve chemical processes.

	On condition of promoting The Program of Psycho-Pedagogical Studies I st Level, the holder of this certificate can work as a teacher in the compulsory pre-university educational system.
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Assoc Prof. PhD DAVID LUMINITA