

Educational Programme	Chemistry and Engineering of Organic Substances Petrochemistry and Carbochemistry
Degree Awarded	Bachelor
Standard Length of Studies (Number of ECTS Credits)	4 years - 8 semesters - 240 ECTS
Type of Study	Full-Time
Higher Education Institution	Babes-Bolyai University
Faculty / Department	Faculty of Chemistry and Chemical Engineering
Contact Person	Assoc Prof. PhD CRISTEA CASTELIA
Phone	0264593833
Fax	0264590818
E-mail	castelia@chem.ubbcluj.ro
Profile of the Degree Programme	Chemistry and Engineering of Organic Substances Petrochemistry and Carbochemistry
Target Group / Addressees	Graduates of secondary education with basic level of knowledge in chemistry wishing to acquire competencies in the field of chemistry and chemical engineering of organic substances (such as Dyes, Pesticides, Drugs etc)
Entrance Conditions	The admission hierarchy is based on 30% baccalaureate examination score + 70% average grade at the topic chemistry over IX-XII high school grade.
Further Education Possibilities	Master studies in Engineering of Organic and Biochemical Processes
Description of Study	This program allows students to acquire basic knowledge and skills in the field of chemistry and chemical engineering of synthetic organic compounds.
Purposes of the Programme	The program provides training in theoretical and applied chemistry related to industrial processes.
Specialization / Area of Expertise	The curriculum of this program provides basic training in an area of great practical interest, the chemical industry producing organic compounds largely used as dyes, pesticides, drugs, cosmetics, etc. Expertise in organic chemistry is also required in many laboratories of quality control associated to chemical industry, chemical laboratories and chemical equipment.
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 basic chemical phenomena in the organic chemistry. The development of skills in engineering of processes applied for industrial preparation of organic substances. Skills in quality control and structural assignment of organic samples. To establish interpersonal relationships that facilitate teamwork
Job Placement, Potential Field of Professional Activity	The field of professional activity is related to chemical industry, fine organic synthesis, petrochemistry, industry and laboratory chemical equipment.

	On condition of promoting The Program of Psycho-Pedagogical Studies 1 st Level, the holder of this certificate can work as a teacher in the compulsory pre-university educational system.
--	--

Assoc Prof. PhD CRISTEA CASTELIA