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Datë: —/ / —

Institution: University of Prishtina

Academic Unit: Faculty of Mathematics and Natural Sciences

Study Program: Engineering chemistry

Level of Studies: Bachelor

Number of ECTS Credits: 180

The Student Perspective Overview for the study programs at the University of Prishtina aims to reflect the general employment and further study opportunities after graduation. This approach helps the university highlight its role in preparing qualified professionals who can meet the demands of both the local and international labor market.

Employment Perspective for Graduates

No.	What is the job title and what tasks are included in this role?	Which employment sector in Kosovo typically hires professionals with this profile?	What are the opportunities for further studies in this field?	Which technologies/ tools are primarily used in this profession?	Are there opportunities for international employment in this field?
1	Graduates of Chemical Engineering studies are trained to serve as chemical engineers, analysts of technological and chemical process control, analysts in industrial chemical processes, and in performing in the field of calculations of production from a chemical perspective. In these positions, professionals	In Kosova, graduates in Chemical Engineering are primarily employed in the food industry. They also work in the energy sector in water treatment processes, in metallurgy, in the cement industry, and more. They are additionally employed in safety and quality control laboratories, as well as in laboratories dealing with oil and its derivatives.	Graduates in Chemical Engineering have broad opportunities for advanced studies, both within the field and in related disciplines. Many choose to pursue a Master of Science, such as Analytical Chemistry with Environmental Focus, where they can specialize in the analysis and management of water resources, soil and air analysis. Others may continue their studies in environmental	The professionals in engineering chemistry use a wide range of analytical instruments and laboratory tools to analyze the composition, content, and quality of materials. The most common tools include UV-Vis spectrophotometry, AAS, ICP-MS, and others. These instruments are used to determine the composition and concentration	Yes, there are numerous opportunities for international employment in the field of Chemical Engineering, and it is one of the most in-demand fields in the European Union. The global chemical industry continuously seeks specialists in quality control, safety, and product development. Chemical Engineers can work in international chemical manufacturing companies, research laboratories,



**UNIVERSITETI I PRISHTINËS
UNIVERSITY OF PRISHTINA**

Rr. Xhorxh Bush, Ndërtesa e Rektoratit, 10 000 Prishtinë, Republika e Kosovës
Tel: +381 38 244 183 • E-mail: rektorati@uni-pr.edu • www.uni-pr.edu

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	<p>analyze the chemical composition of materials, test and ensure compliance with legal standards, and contribute to improving product stability. They may also be involved in conducting laboratory analyses, using instruments such as AAS, ICP-OES, AES, MS, HPLC, and GC-MS, documenting results, and developing formulations and new methods to improve products.</p>	<p>They can also be employed in sectors such as agriculture, the food and pharmaceutical industries, and in public Institutions responsible for environmental quality management and control, which often require professionals with strong analytical skills and chemical expertise.</p>	<p>engineering, material safety, and similar fields. They can also pursue advanced PhD studies in various areas of chemical engineering. Additionally, students may obtain professional standardization certifications such as ISO and laboratory accreditation training, which significantly enhance employability in industry and technology.</p>	<p>of materials. Simpler measurement tools are also used, such as pH meters, viscometers, refractometers, and analyzers for raw materials and finished products. In the digital aspect, Engineers in engineering chemistry use systems like Excel for managing laboratory data, as well as statistical programs such as SPSS, Python, MATLAB, Origin Pro, Minitab, etc., which serve for interpreting complex results.</p>	<p>regulatory agencies, the pharmaceutical and metallurgical industries, as well as independent testing laboratories. They are familiar with international quality standards such as ISO, as well as other standards and EU regulations that are widely recognized. Many countries face a shortage of laboratory specialists, creating opportunities for positions such as quality control analyst or R&D technician. With advanced degrees or additional certifications, research and academic positions abroad also become accessible. There are also opportunities through international exchange programs.</p>
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