



**UNIVERSITY OF TUZLA**  
**FACULTY OF TECHNOLOGY**

Univerzitetska 8, 75000 Tuzla, Bosnia and Herzegovina  
Phone: ++387 (0) 35 320 740; Fax: ++387 (0) 35 320 741  
E-mail: [dekan.tf@untz.ba](mailto:dekan.tf@untz.ba); Web page: [www.tf.untz.ba](http://www.tf.untz.ba)



## **INFORMATION ABOUT THE FACULTY OF TECHNOLOGY**

The Faculty of Technology was established in 1959 as the first higher education institution in Tuzla. One of the main reasons for the Faculty establishment presented needs for educated and highly qualified people who would be the creators of Tuzla and the Tuzla region development in the chemical developed industrial region.

The Faculty of Technology was the first higher education institution in Bosnia and Herzegovina having the postgraduate study in 1963. The first doctoral thesis was defended in 1962 at this Faculty. The importance of the Faculty in the north-eastern region of Bosnia and Herzegovina can be highlighted by many facts such as: the changing of population structure, extension and building industrial facilities, higher employment within industry, etc. After establishing the University of Tuzla in 1976, the Faculty of Technology became a part of this University.

In addition to research projects and realization of master's and PhD works at the Faculty many international projects (TEMPUS, WUS, REINTRO, SCOPES, bilateral projects between Bosnia and Herzegovina and Slovenia, etc.), development projects with non-government institutions as well as projects funded by the Federal and Cantonal Ministry of Education and Science were realised.

The Faculty publishes *Technologica Acta*, which is a peer-reviewed, international journal devoted to fundamental and applied chemistry, as well as materials chemistry and technology, chemical engineering and technology and food technology research. The first issue of *Technologica Acta* Journal with international review was published for the 45th anniversary of the Faculty.

Teaching process at the Faculty has been realized by own teaching staff and visiting professors from partner Universities from Bosnia and Herzegovina and foreign Universities. Internationalization and accreditations of study programs, international collaborations and quality assurance are the main strategic objectives of the Faculty.

The first generation of students according to Bologna process were enrolled in the academic year 2003/2004. In the same year the Faculty introduced the European Credit Transfer System (ECTS) with 30 hours students' workload per week.

The Faculty is well-organised higher education institution. Education process is realized through three modernized study programmes: Chemical Engineering and Technology (Chemical engineering, Environmental engineering, Chemical technology, Chemistry and Materials Engineering), Food Technology (Food technology, Food quality and safety management), Engineering of Environmental Protection.

The Faculty organizes undergraduate, postgraduate and doctoral studies. In the academic year 2010/2011, the Faculty of Technology prepared new study programmes at the first (Bachelor), second (Master) and third (Doctorate) cycle. Duration of the first study cycle (undergraduate study) is 4 (four) years and after completing the first cycle the Bachelor degrees can be obtained within the fields of Chemical engineering and technology, Food technology and Engineering of environmental protection. Recently, the faculty introduced undergraduate study programme of agronomy. The second study cycle (postgraduate study) takes 1 (one) year and after completing, the Master degrees can be obtained within the fields of Chemical engineering and technology, Food technology and Engineering of environmental protection. After completing the second study cycle the Faculty offers Doctoral study programmes (PhD) programmes in Chemical Engineering, Engineering in Environmental Protection, Food Engineering, and Applied Chemistry, which present a joint programme with the Faculty of Natural Sciences and Mathematics from Tuzla. Doctoral study programme lasts three years and has 180 ECTS. The structure of programme includes mandatory and elective courses, individual research work on doctoral dissertation, public presentation of the doctoral dissertation, and other activities related to presenting and publishing of the research results. After completing the doctoral study programmes, Doctoral degrees within the corresponding fields can be obtained. The doctoral study programmes are prepared according to modern trends within the above-mentioned fields, Bologna process as well as doctoral study programmes of similar faculties within the Europe. The research at the Faculty of Technology is organized within different fields including chemical/process engineering, chemical technology, food science and technology, engineering of environmental protection, analytical chemistry, organic chemistry, physical chemistry and electrochemistry.

The main objectives of the Faculty are continuous innovation of the curriculum, introducing new study programmes, providing the highest academic standards to obtain knowledge and skills according to the society needs, the academic development of young teaching staff, introducing the European higher education standards.

The mission of the Faculty is to create and disseminate knowledge within the field of chemical engineering and technology, food technology, engineering in environmental protection and chemistry enabling high quality education and training of students, future engineers, who will be able to respond to variable market demands. Vision of the Faculty is to become a modern research and education institution providing excellent working conditions and life, being place of new ideas and innovations.