



Our department was established on 27/05/2002 as a department without students.

The Department of Chemical Engineering has been approved to accept undergraduate students starting from the 2008-2009 Academic Year.

The Department of Chemical Engineering graduated its first undergraduate students in the 2011-2012 academic year and its thirteenth graduates in the 2023-2024 academic year.

OUR MISSION

Having acquired skills appropriate for the information and communication age, being entrepreneurial, innovative, active in research and development, committed to ethical values and working in their field or other fields of their choice using the Chemical Engineering background provided by the program,

To train engineers who understand the importance of lifelong learning and who constantly improve themselves.

JOB OPPORTUNITIES FOR CHEMICAL ENGINEERING

Due to their versatile structure, the work areas of Chemical Engineers are quite wide. A Chemical Engineer can work in different departments of private and public institutions such as; **Production, Research and Development (R&D), Production Development (P&D), Design and Optimization, Business Management, Quality Management, Occupational Safety, Sales and Marketing.**



Related Sector:

- ✓ Pharmaceutical Sector
- ✓ Ceramic Sector
- ✓ Environmental Sector
- ✓ Textile Sector
- ✓ Food Sector
- ✓ Paint Sector
- ✓ Building Materials Sector
- ✓ Automotive Sector
- ✓ Fertilizer Sector
- ✓ Petrochemical Sector
- ✓ Plastic and Composite Materials
- ✓ Metal and Coating Sector
- ✓ Glass Industry
- ✓ Defense Industry
- ✓ Water and Wastewater



ACADEMIC STAFF



Our department has a strong academic staff consisting of **4 Professors, 2 Associate Professors, 3 Assistant Professors, 1 Lecturer and 1 Research Assistant.**

Prof. Ayla ÖZER
 Prof. Bahadır Kürşad KÖRBAHTİ
 Prof. Tonguç ÖZDEMİR
 Prof. Nimet KARAGÜLLE
 Assoc. Prof. Ferda GÖNEN
 Assoc. Prof. Rükan GENÇ ALTÜRK
 Asst. Prof. Onur DÖKER
 Asst. Prof. İsmail Kutlugün AKBAY
 Asst. Prof. Gürbüz ÇOMAK
 PD Lect. Deniz UZUNOĞLU DOĞRUYOL
 Rsch. Asst. Hasan ÖRTÜN

Main Research Topics

- Adsorption/biosorption/degradation of various pollutants, nanoparticle synthesis/characterization, colorimetric detection studies, hydrogen gas production
- Electrochemical technologies, environmental and sustainable processes, chemical reaction, process optimization, mathematical modeling
- Polymeric materials, radiation protection, rubber materials, smart polymers
- Tissue engineering, biomaterials
- Wastewater treatment, adsorption, fermentation, biotechnology
- Nanotechnology, liposomes, drug delivery, biosensors
- Supercritical fluid technology
- Smart polymers, polymeric materials
- Analytical methods, condition monitoring and system integration in high pressure high temperature processes

OUR LABORATORY FACILITIES

In order for the students of the Department of Chemical Engineering to learn engineering courses by doing practice, applied laboratory courses (**General Chemistry Lab., Physicochemical Systems Lab., Instrumental Analysis Lab., Chemical Engineering Lab. I and II**) are held starting from the first year. There are 2 student laboratories allocated for this purpose in our department. In addition, research projects are carried out within the scope of the Graduation Project course in the final year.



Chemical Engineering Laboratory

In addition, the Chemistry Laboratory of the **Technical Sciences Vocational School within our University and the Advanced Technology, Education, Research and Application Center within our University** are used when needed. In the laboratories, students are taught the basic measurements that form the basis of Chemical Engineering, analysis methods (**UV-VIS, FTIR, AA, GC, HPLC etc.**) and the basic processes that a chemical engineer may encounter in business life after graduation (absorption, extraction, distillation, heat exchanger, reaction vessels etc.).



Chemistry Basic Sciences Laboratory

Our department also accepts students through **lateral transfer, vertical transfer, double major and minor** programs.

Collaborating universities and departments:

1. Erasmus collaborations

Castilla La Mancha University, Spain

Rovira i Virgili University, Spain

2. Double Major / Minor Information

Mersin University: Environmental Engineering, Food Engineering, Mechanical Engineering

SUMMER INTERNSHIP

Students of the Department of Chemical Engineering, who have completed their fourth semester, complete two internships, each lasting at least 20 working days, in different sectors where chemical engineering applications are found, until the graduate.

Distribution of our graduates according to their fields of work

R&D
Production
Management systems
Sales marketing
Occupational health and safety
Management
Consulting
Education
Accounting
PhD student
Quality control
Laboratory

WORKPLACE TRAINING

- Our faculty has started to implement Workplace Training since the 2018-2019 Academic Year.
- In this context, our students can spend the 8th semester of their education in workplaces in their own fields.
- Workplace Training is optional, students and companies that will participate in this practice must meet the criteria determined by our Faculty.**

Workplace Training Collaborations

- Koluman Otomotiv Endüstri A.Ş.
- Teknopanel A.Ş.
- Yılbor Boru Plastik Petrol San. Tic. A.Ş.
- Akyüzler Alüminyum A.Ş.

CONTACT US



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