



MARMARA UNIVERSITY

ENGINEERING FACULTY
CHEMICAL ENGINEERING DEPARTMENT



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CHEMICAL ENGINEERING

Chemical engineering is the branch of engineering that deals with physical science and life sciences with mathematics and economics to the process of converting raw materials or chemicals into more useful or valuable forms.



The working areas of Chemical Engineering are quite excess. For instance :

- Industrial Plants ,
- Laboratories,
- Privacy and Public Project Buildings,
- Certification Offices,
- Import and Export Sector ,
- Petrochemistry Sector ,
- Automotive Sector,
- Food Sector,
- Cement and Refractory Sector,
- Ceramic Sector ,
- Medicine Sector,
- Textile Sector ,
- Paint Sector
- Glass Industry,
- Metal and Covering Sector ,
- Fertilizer Sector ,
- Rubber Sector,
- Defensive Industry,
- Work Safety Areas

UNDERGRADUATE PROGRAM

The Department of Chemical Engineering in Marmara University has begun education in 2002-2003. Courses and education are lectured in Turkish **with support of at least %30 English**. The lowest grade is 350,14786 in **2015 MF4**.



Chemical Engineering Undergraduate Program in Marmara University follows **the latest developments in Turkey, also all around the world**. The program also prepares students to sustainable technologies.

Our students have the chance to make double **major** and **minor** in department of mechanical, industrial and computer engineering. They also take the advantages of going abroad with **erasmus exchange programs**.

Applications of fuel-heat, basic processes, reaction engineering, biotechnology are performed **in our advanced laboratories**. Our students are encouraged to participate in scientific activities with national and international projects.



The contact between **academic staff and students** is maintained even if the students are graduated from university in our department. More than half of our graduated students join the reunions which are arranged once a year.

ACADEMIC STAFF

PROF. Dr. PERVİZ SAYAN

Crystalization, Flocculation, Production Technologies of Boron Compounds

PROF. DR. EMİN ARCA

Slow-release Fertilizer, Conductor Polymers, Leather Chemicals, Concrete Additive Chemicals

PROF. DR. MEHMET EROĞLU

Polymer and co-polymer synthesis and characterization, High Energy Materials

PROF. DR. ENİS MORKOÇ

Limnology, Marine Sciences, eutrophication, Pollution Control, Determine the Primary Production Limiting Nutrition Elements

PROF. DR. NEŞET KADIRGAN

Combustion, Fire, Fuel Usage in Industry, Work Safety in Industr. Life Cycle Analysis

PROF. DR. SİBEL SARGUT

Inorganic Technologies, Separation Technics, Crystalization, Particular Technologies, Improving Crystal Products

PROF.DR. ATIF KOCA

Clean Energy, Hydrogen Energy, Gaining Photocatalytic and Electrocatalytic Hydrogen

PROF.DR. FATMA KARACA

Thermochemical Conversions of Biomass and biomass waste materials, Mutual Treating of Coal and Biomass Waste

Associate Prof. Dr. KURTUL KÜÇÜKADA

Mathematical Modelling, Optimization, Drying, Sintering Catalyzer Deactivation

Associate Prof. Dr. EBRU MANÇUHAN

Drying processes, heating / cooling and ventilation modeling

Associate Prof. Dr. GÖKÇEN ALTUN

Energy, Photopolymerization, Stereolithography, Mathematical Modelling, Life Cycle Analysis

Assist. Prof. Dr. NESLİHAN ALEMDAR

Artificial Polymers, tissue engineering, coating materials

Res. Asst. Dr. UĞUR ÖZVEREN

Renewable Energy Resources, Fuel Cells, Modelling, Optimization, Process Control

Res. Asst. Dr. BERRİN KURŞUN

Life cycle analysis, emelj analysis, system analysis

Res. Asst. Dr. MÜGE SENNAROĞLU

Molecular Pressing and recognizing, Floreance Probe Synthesis, Polymer Synthesis

Res. Asst. BERÇEM KIRAN

Cyristalization, Separation Technics

Res. Asst. GÜLŞAH YILAN

Mathematical Modelling, Optimization, System Biology, Life Cycle Analysis

Res. Asst. SEVGİ POLAT

Unit Operations