



**Eastern Mediterranean University**

*"For Your International Career"*

**Faculty of Arts and Sciences**

***MS & PhD Programs in Chemistry***



**Institute of Graduate Studies & Research**



## EASTERN MEDITERRANEAN UNIVERSITY

**E**astern Mediterranean University (EMU), the oldest university in Turkish Republic of Northern Cyprus, is an international university with a population of about 14.000 students from 70 different countries. The university campus stretches over a spacious and beautifully planned area on the outskirts of the charming ancient port city of Gazimağusa (Famagusta). EMU's commitment to excellence in teaching and research has attracted highly qualified teaching faculty from around the world including USA, UK, Canada, Turkey, Russia, France, Poland and other European countries. The university has an outstanding library, modern lecture notes halls and classroom facilities with computerized systems that enable students to study in an interactive, technologically advanced environment.

## LIFE IN GAZİMAĞUSA

**G**azimağusa offers its visitors unspoiled historical beauty, as well as the facilities of a modern city with a wide variety of restaurants and shops. Some of the finest beaches of North Cyprus are only 3 to 4 kilometers away from the University. North Cyprus has a wonderful Mediterranean climate, where winters are mild; summers are warm with plenty of sunshine all throughout the year. The crime rate in North Cyprus is lower than any other European Country which makes it particularly a safe place for international students to live.



## PROGRAM DESCRIPTION

The Department of Chemistry offers a two-year program of graduate study leading to the Master of Science (MS) and a four year program culminating in the degree of Doctor of Philosophy in Chemistry. The programs are available in Organic and Polymer Chemistry. These programs have been established to enable students with research motivation to develop their interests through advanced study. The MS Program normally entails four semesters of study comprising seven courses, a seminar, and completion of a thesis which must be defended under oral examination conditions. The PhD Program normally involves eight semesters of study, comprising seven courses, two seminars, and completion of a thesis, which must be defended under oral examination conditions. The PhD program of study and courses are designed flexibly, in order to enable students to shape their studies as far as possible in accordance with their own specific interests. Research activities are conducted in collaboration with prominent universities and institutes in Turkey, Europe the rest of the world.



## CURRICULUM

### Required Courses MS

CHEM 500 MS Thesis

CHEM 598 Seminar

CHEM 600 PhD Dissertation

GRAD 501 Graduate Research Skills in Science and Engineering

### Elective Courses

CHEM 507 Special Topics in Physical Chemistry

CHEM 508 Special Topics in Organic Chemistry

CHEM 511 Principles of Polymer Science

CHEM 514 Copolymers and Polymer Blends

CHEM 521 Synthesis of Polymers

CHEM 532 Polymers in Solution

CHEM 534 Natural Polymers

CHEM 538 Biomedical Polymer Design

CHEM 541 Special Topics in Electrochemistry

CHEM 547 Spectroscopic Methods in Organic Chemistry

CHEM 551 Introduction to Organic Photochemistry

CHEM 587 Selected Topics in Organic Chemistry I

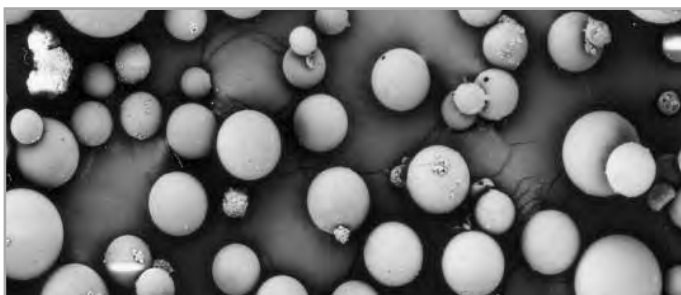
CHEM 589 Excited States in Organic Chemistry I

CHEM 590 Excited States in Organic Chemistry II

CHEM 591 Organic Reaction Mechanism

CHEM 594 Supramolecular Photochemistry

GRAD 601 Advanced Research Skills in Science and Engineering

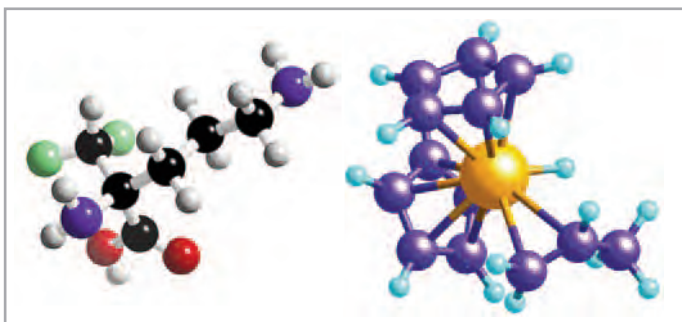
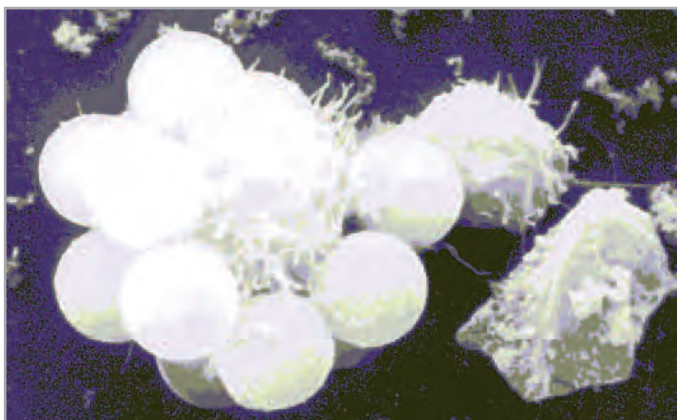


## AREAS OF SPECIALIZATION

**R**esearch interests of the faculty include synthesis, modification and characterisation of polymers, natural polymers, biomedical and industrial applications of polymers, photostable and photoactive polymers, functional dyes, naphthalindimides and cyclophanlan, and solar cells.

## ACADEMIC PERSONNEL

NAME AND E-MAIL	UNIVERSITY	RESEARCH FIELDS
Prof. Dr. Huriye ICIL  huriye.icil@emu.edu.tr	Middle East Technical Univ. Eastern Mediterranean Univ. Ege University	Organic Chemistry
Prof. Dr. Elvan YILMAZ  elvan.yilmaz@emu.edu.tr	Middle East Technical Univ.	Polymer Chemistry
Prof. Dr. Osman YILMAZ  osman.yilmaz@emu.edu.tr	Middle East Technical Univ.	Polymer Chemistry
Assist. Prof. Dr. Mehmet GARIP  mehmet.garip@emu.edu.tr	University of Sussex University of London	Analytical and Environmental Chemistry Physics Education
Assist. Prof. Dr. Mustafa GAZI  mustafa.gazi@emu.edu.tr	Istanbul Technical University	Polymer Chemistry



## ADMISSION REQUIREMENTS

**A**pplications to graduate programs are accepted twice a year, prior to the beginning of each semester.

Prospective applicants are required to have a Bachelor's Degree (BA /BSc /BS) for Master Degree applications. Applicants for whom English is a second language are required to pass an English proficiency examination, or present a recent TOEFL score above 550 or IELTS score 6.5. Those who do not have a recognized English language qualification (IELTS, TOEFL etc.), and who have not scored 75 or above on the EMU English Language Proficiency Test are required to take an English Placement Exam and are placed in supplementary non-credit English language courses according to their levels.

Prospective applicants are required to fill out an application form available online at <http://grad.emu.edu.tr/Forms.aspx> or from the Registrar's Office, and submit the completed form, together with a letter of reference and an official transcript of all graduate and undergraduate coursework completed up to the time of application.

Candidates for admission to the MS Program in Chemistry are required to have completed a BS degree in chemistry or chemical engineering. Applicants for admission to the PhD Program are required to have completed an MS degree in chemistry or chemical engineering. All candidates are required to have an academic background of at least two semesters of analytical, organic and physical chemistry and a semester of inorganic chemistry.

## TUITION FEES

**T**he master's program fee is 9000 USD covering 7 courses, seminar course, and thesis in the programs with thesis option and 10 courses and term project in the non-thesis option within normal duration of 4 semesters. The tuition fees in doctoral programs are based on the number of courses registered. Course registration fee per course is 1000 USD for the 2009-2012 period. For more information please visit the web site of the Institute of Graduate Studies and Research <http://grad.emu.edu.tr>.



### **DEPARTMENT of CHEMISTRY**

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