

A dynamic splash of water in shades of blue and white, creating a sense of movement and freshness. A solid green circle is positioned in the center-left, partially overlapping the water splash and the dark blue footer area.

Dive into adventure

UNIVERSITY OF ZAGREB
FACULTY OF CHEMICAL ENGINEERING
AND TECHNOLOGY

UNIVERSITY OF SPLIT
FACULTY OF CHEMISTRY AND
TECHNOLOGY

**International Graduate
Study Chemical and
Environmental Technology**



FKITMCMXIX



University of Zagreb
Faculty of Chemical Engineering
and Technology

University of Split
Faculty of Chemistry and
Technology

Publishers |

University of Zagreb,
Faculty of Chemical Engineering and Technology

University of Split
Faculty of Chemistry and Technology



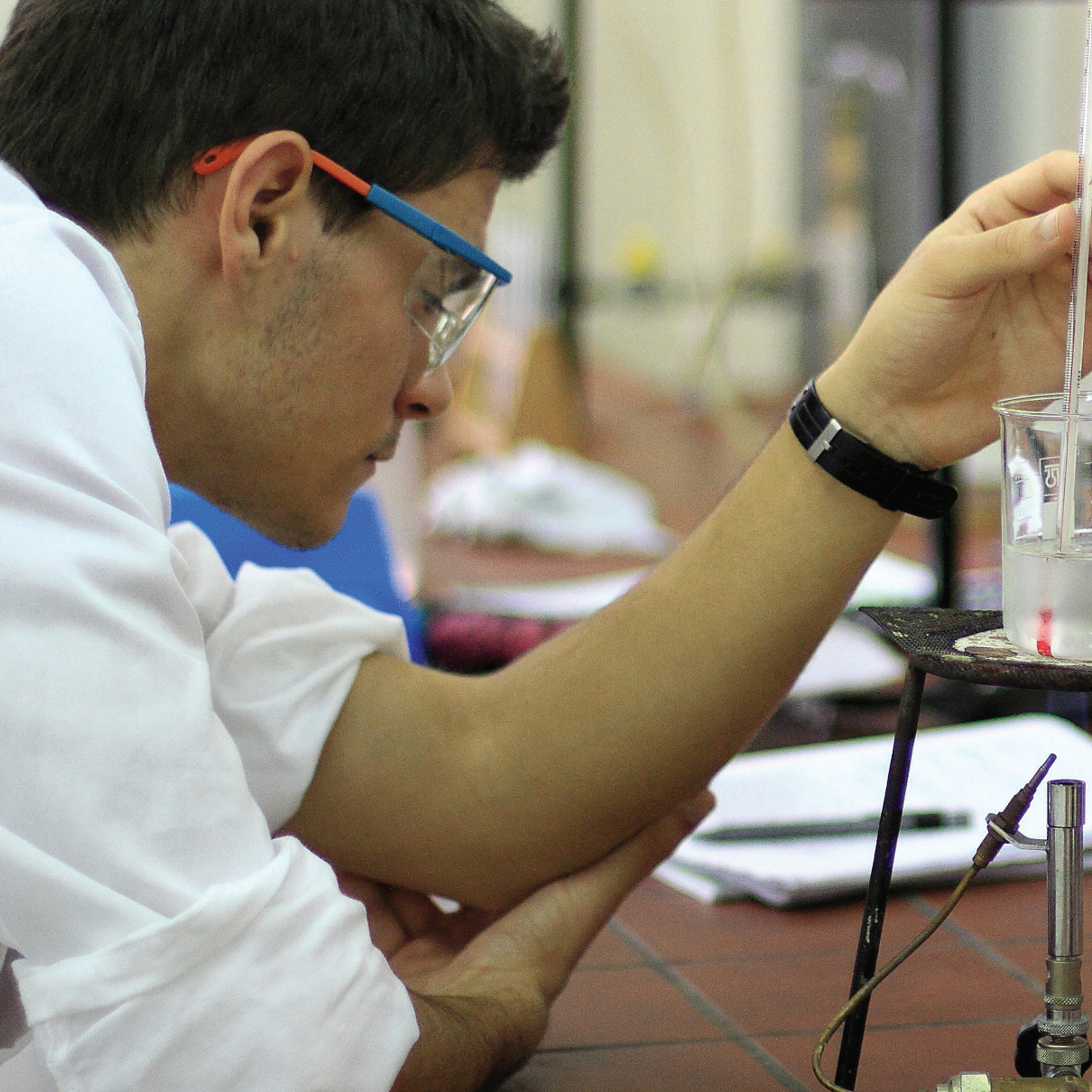
Project is co-financed by European Union
through European Social Fund



Student Guide

University of Zagreb
Faculty of Chemical Engineering and Technology (FCET)
Marulićev trg 19, HR-10000 Zagreb, Croatia
www.fkit.unizg.hr
office@fkit.hr
phone: +385 1 4597 281
fax: +385 1 4597 260

University of Split
Faculty of Chemistry and Technology (FCT)
Ruđera Boškovića 35, 21000 Split, Croatia
www.ktf.unist.hr
phone: +385 21 329 420
+385 21 329 461





Contents

Dear students	2
Introducing the University of Zagreb and Faculty of Chemical Engineering and Technology (FCET)	5
Study at FCET	8
Introducing the University of Split and Faculty of Chemistry and Technology (FCT)	10
Study at FCT	14
Admission	20
Sports and social activities	22

Dear students,

The Faculty of Chemical Engineering and Technology (FCET) University of Zagreb and Faculty of Chemistry and Technology (FCT) University of Split trains experts in the fields of chemical engineering, materials science and engineering, environmental engineering, chemical technology and applied chemistry. The Faculties provide university undergraduate, graduate and postgraduate study programmes, in which students acquire knowledge relevant to the development of sustainable chemical processes and their application in production, to the development of materials and processes for specific purposes and to the development of methods for quality control. They offer a variety of academic degree courses leading to Bachelor's, Master's and Doctoral degrees in the fields of technical and natural sciences.

This booklet contains general information about upcoming new graduate study programme "Chemical and Environmental Technology". We hope you will find them attractive enough. On behalf of the Faculty of Chemical Engineering and Technology (FCET) and Faculty of Chemistry and Technology (FCT) we wish you a warm welcome and we hope your stay will be fruitful and enjoyable!





The slide features a large, stylized orange arch at the top left, a solid orange square at the top right, and a green arch at the bottom right. On the far left, a vertical strip shows a brick wall with a small plaque. The main title 'University of Zagreb' is centered in a dark blue serif font.

University of Zagreb

Founded in the second half of the 17th century, the University of Zagreb is the oldest Croatian university and one of the oldest universities in Europe. In 1669 Leopold I, the Holy Roman Emperor and King of Hungary, Croatia and Bohemia, issued a decree granting the university status and privileges to the Jesuit Academy in Zagreb. Therefore, the year 1669 is regarded as the year of establishment of the University of Zagreb.

With its 31 Faculties and 3 Art Academies it is the flagship educational institution in the country. In 2001, at the Prague ministerial conference, Croatia signed the Bologna declaration and joined the process of harmonization of the European higher education area. Therefore, the Bologna scheme was adopted in the academic year 2005/2006.

Faculty of Chemical Engineering and Technology (FCET)

6

1919

The Faculty of Chemical Engineering and Technology was founded in 1919, as the first Department of Chemical Engineering in Croatia – a part of the Technical Institute Zagreb. A great number of distinguished scientists have worked there, the most noteworthy of whom is certainly Vladimir Prelog, who was professor of organic chemistry from 1934 to 1941, and who went on to receive the Nobel Prize in Chemistry in 1975 for his research on the stereochemistry of organic molecules and reactions.

Today the Faculty is organized in 16 departments that perform teaching, scientific research, professional and consulting activities in chemical engineering, chemistry, and related fields. Teaching and education are based on modern, problem-oriented methods and provide students with analytical methodology in solving problems, but always keeping in mind the synthetic approach. Students of the Faculty obtain contemporary knowledge of research, development and design of new, sustainable chemical industrial processes as well as on the improvement of existing ones. This is done to ensure high quality, reliable and safe production that takes into account criteria of the economy, efficiency and environmental protection. In addition, students of the Faculty may specialize in drug design and the development of new polymeric and inorganic materials, development of novel synthesis routes as a basis for new processes, as well as in the quality management.

Regarding the number of papers published in distinguished international journals the Faculty of Chemical Engineering and Technology is among the most research-oriented faculties at the University of Zagreb. The research at the Faculty of Chemical Engineering and Technology is focused on chemical and environmental engineering, applied chemistry and material science. Therefore, priority topics of research involve environmental protection and management, development of advanced materials and sustainable technologies, alternative and renewable energy sources, development of new pharmaceuticals, industrial bio-transformations and other related subjects.

The Faculty has developed valuable international cooperation with various scientific institutions in the world, either directly or through inter-university cooperation.



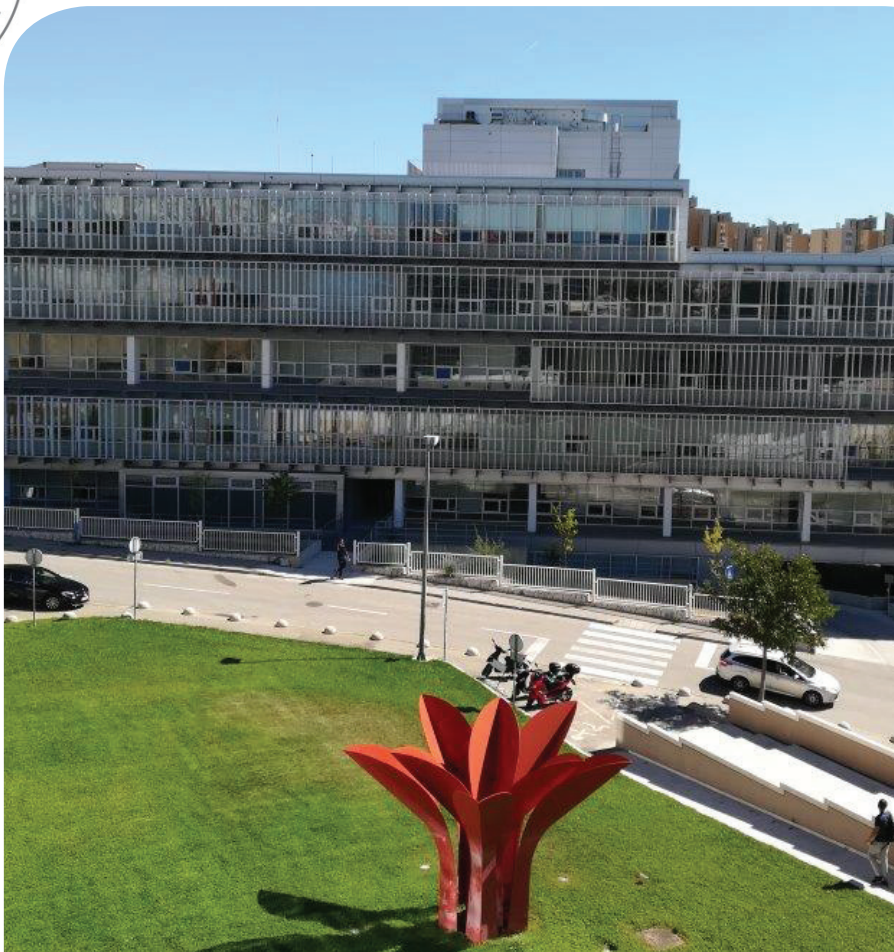
Study at FCET



Study programmes are organized in three educational cycles: undergraduate study programmes (1st cycle), graduate study programmes (2nd cycle), and postgraduate study programmes (3rd cycle).

The first cycle normally takes three years in which students are required to earn 180 ECTS (European Credit Transfer System) credits while the second cycle takes two years in which students are required to earn 120 ECTS credits. University doctoral programmes that form the third cycle are regularly completed within three years with 180 ECTS credits earned.

The Faculty of Chemical Engineering and Technology offers four undergraduate and graduate study programmes, as well as one doctoral study programme. It is also involved in three postgraduate specialist programmes.



University of Split

The University of Split was officially established on 15 June 1974 when the units having already had an effect in their professional, scientific and teaching areas entered its structure.

As a predominant scientific and teaching public institution in the region the University of Split has expanded during the course of the past 44 years to include eleven Faculties, one Academy of Arts and four University Departments.

There are about 24,000 students enrolled in the University's undergraduate, graduate and post-graduate programs.

The focus of the research work carried out by the University is on scientific areas with reference to disciplines characterized by natural, biomedical, cultural, historical, social, economic and other features of the region as a part of the Croatian Adriatic and the Mediterranean region as a whole.

This involves the research and protection of art and construction heritage, philology, field crops, oceanography and fishing, Adriatic botany and zoology, island and coastal economy, Adriatic tourism, maritime law, nautical science, naval architecture and a range of other specific disciplines such as chemical engineering, civil engineering, architecture, electrical and mechanical engineering, social sciences, kinesiology, humanities, health sciences, forensics, all of which distinguish the University of Split, not only in Croatia but also beyond its borders.

Faculty of Chemistry and Technology (FCT)

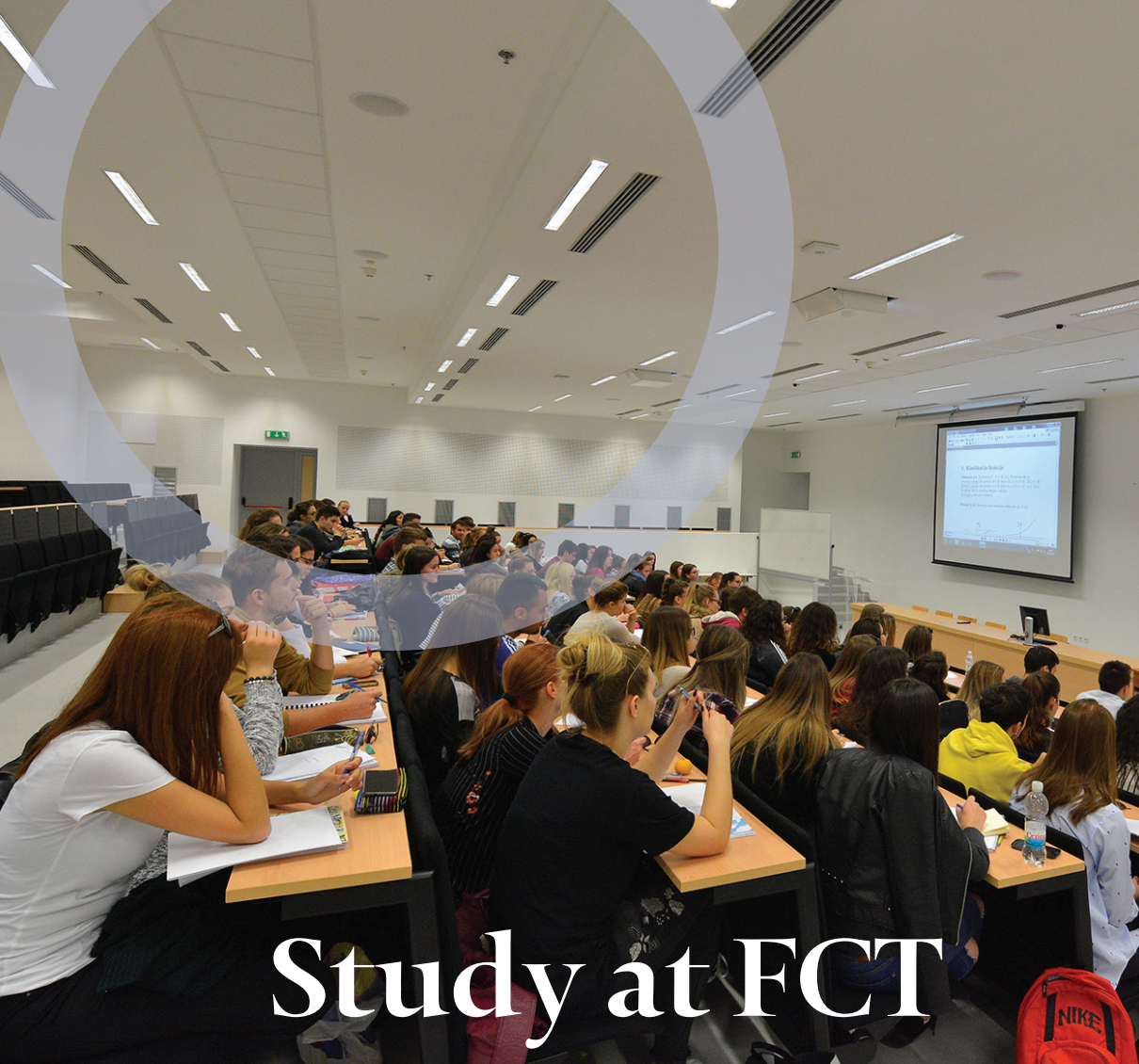
1960

Faculty of Chemistry and Technology in Split was founded in 1960 on the basis of the need for engineers of the chemical and technology profession.

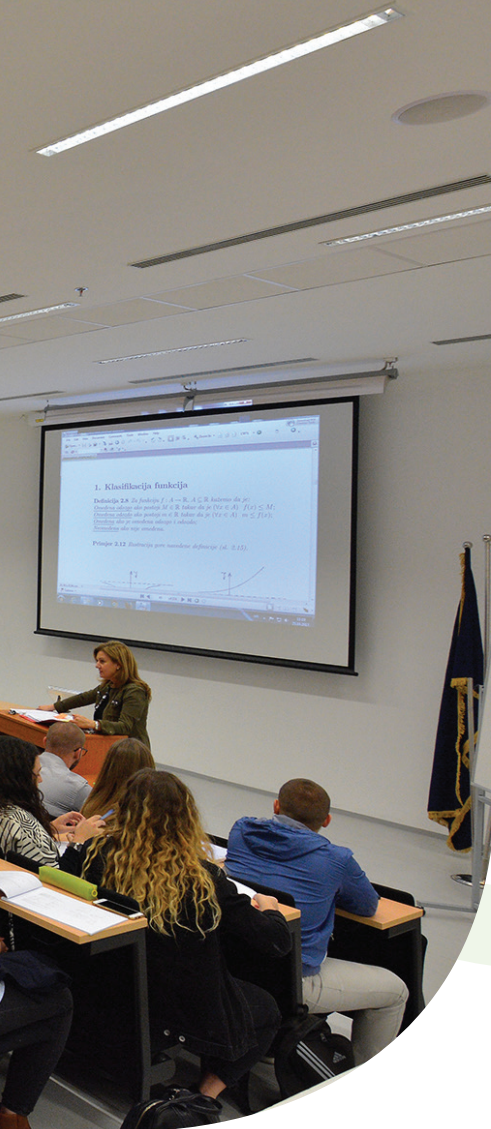
Today the Faculty as organization is divided into Division for Chemistry and Division of Engineering and Technologies and into the them are organized 15 departments that perform teaching, scientific research, professional and consulting activities in chemical engineering, chemistry, and related fields. Teaching and education are based on modern, problem-oriented methods and provide students with analytical methodology in solving problems.

Students of the Faculty obtain contemporary knowledge of research, development and design of new, sustainable chemical industrial processes as well as on the improvement of existing ones. This is done to ensure high quality, reliable and safe production that takes into account criteria of the economy, efficiency and environmental protection. In addition, students of the Faculty may specialize in development of new polymeric and inorganic materials, development of novel synthesis routes as a basis for new processes, as well as in the quality management.

Regarding the number of papers published in distinguished international journals the Faculty of Chemistry and Technology is among the most research-oriented faculties at the University of Split. The research at the Faculty of Chemistry and Technology is focused on fields Chemical and environmental engineering, Food technology, Materials science and Chemistry. Therefore, priority topics of research involve environmental protection and management, development of advanced materials and sustainable technologies, alternative and renewable energy sources, the development of multifunctional potentiometric sensors in solid state with membranes with the addition of nano particles, and microemulsion gel membrane, biactive naturals compounds and other related subjects.



Study at FCT



The Faculty has developed valuable international cooperation with various scientific institutions in the world, either directly or through inter-university cooperation.

The Faculty of Chemistry and Technology offers four undergraduate and graduate study programmes, as well as two doctoral study programmes.

Since 1960 more than 2300 students have graduated at the Faculty of Chemistry and Technology and about 60 candidates have been awarded their Doctoral degrees.

Graduate study program Environmental Technology

STARTING FROM
ACADEMIC YEAR
2019/2020

- in the field of technical sciences
- two academic years
- four semesters
- 120 ECTS credits

**1st semester
(FCET)**

**3rd semester
(FCET)**



mmme Chemical and
ology

er

**2nd semester
(FCT)**

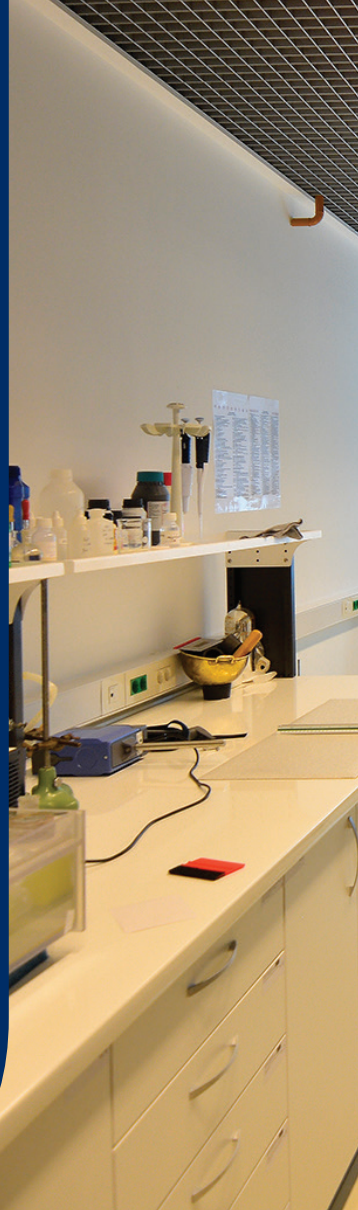
**4th semester
(FCET or FCT)**

Admission

Admission to our study programmes and the number of positions is defined for all students, including foreign citizens. The enrollment quota available for foreign students at FCET is 20 places for graduate study Chemical and Environmental Technology.

Students holding a first cycle university degree can apply for admission to the university graduate programmes or they can enter the labour market while students holding a second cycle university degree can continue their studies in the university postgraduate programmes or they can enter the workforce.

Exchange students coming to the FCET must be nominated by their home university. The on-line application form and all the required documents can be found at the following link: <http://www.unizg.hr/homepage/international-exchange/exchange-students/>.

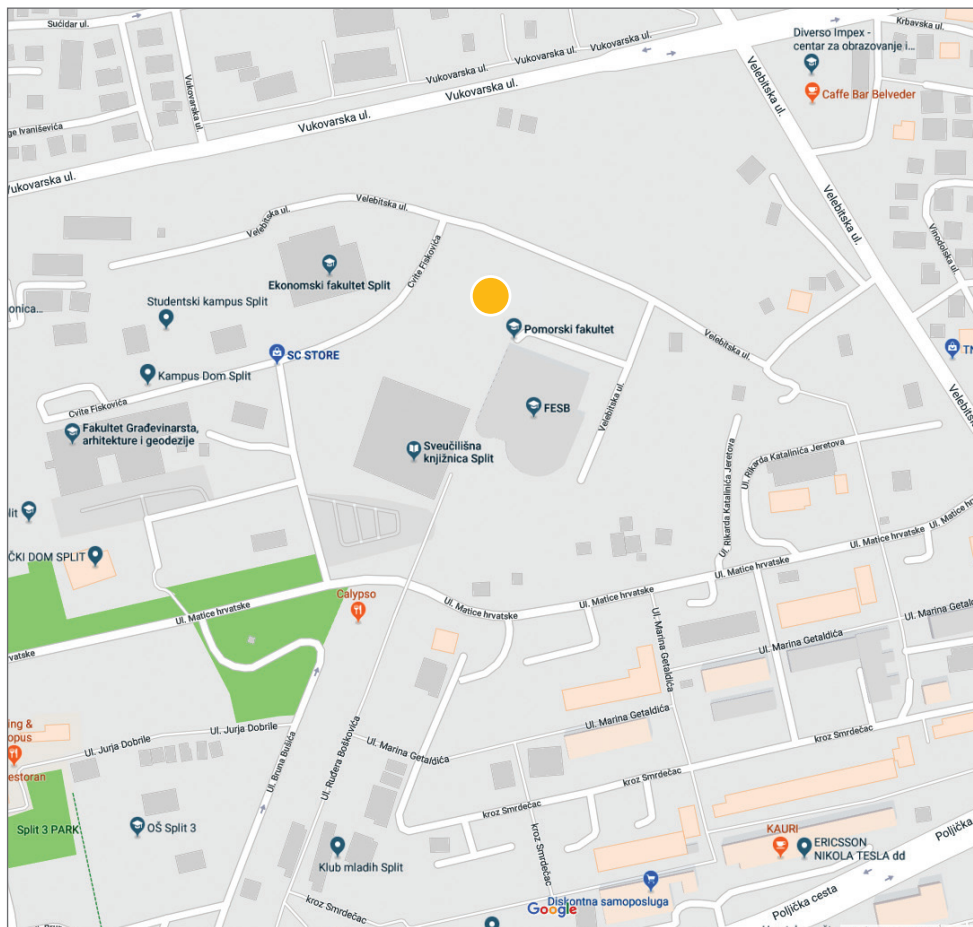




Sports and social activities

You are welcome to join Sports section at their games, go to trips all over Croatia with the Hiking section, practice your painting skill with the Art section or join the Academic choir “Vladimir Prelog”. There is also the yearly “Tehnologijada”, sports and scientific meeting of students from technical faculties in Croatia and neighbouring countries.

Present location of FCT





International Office

Vice dean for science and international cooperation

Phone: +385 1 4597 281

E-mail: office@fkit.hr

Visit

www.fkit.unizg.hr/en

www.ktf.unist.hr

Više informacija o EU fondovima na
stranici Ministarstva regionalnoga razvoja
i fondova Europske unije

<http://www.strukturnifondovi.hr>

Sadržaj publikacije isključiva je odgovornost
Fakulteta kemijskog inženjerstva i tehnologije
Sveučilišta u Zagrebu

