# TOBB ETÜ GUIDE

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TOBB ETU: Kaolouros

or 2003 Preconomics



"School teaches young minds respect for human, love of country and nation, and honor of freedom. It shows the proper way to save freedom when it falls into danger."

J. Ottaturk



The Union of Chambers and Commodity Exchanges of Turkey (TOBB) pioneered the establishment of TOBB ETÜ with the uttermost aim of raising young people, who are well prepared as manpower for the competitive international business world that is much-needed by the worlds of science and business.

TOBB ETÜ represents the most meaningful effort of TOBB. This long-established academic institution gives you wings to fly by providing you the strength that is embedded in TOBB's deep-rooted experiences.

Our goal is to produce and process knowledge as well as practicing and spreading knowledge while raising well-equipped individuals based on TOBB ETÜ's universal standards for higher education. Our aim is to create a vibrant academic and intellectual environment for TOBB ETÜ students, which will enable them to learn leadership and entrepreneurship, contribute to valuable inventions as notable scientists, and become business and opinion leaders in prominent Turkish and world institutions.

# Dear Valuable Students,

#### achieving a meaningful task ...

Your aim, which will cultivate your future, comprises of getting a good education and having a successful professional life. This aim corresponds to your university choice. Beyond any doubt, you will be able to achieve your aim at TOBB ETÜ.

When we were establishing our university, other than providing a meritable academic education, we also attached particular importance to practice, in terms of giving our students the opportunity to begin their professional careers with concrete advantages. We strongly believed that our graduates, who set up their own businesses, will create a tremendous impression within fields that boost the competitive power of Turkey and the world.

We wanted our students to focus on their education, research and success by providing them with all kinds of support.

#### Students!

Your aim, which will cultivate your future, comprises of getting a good education and having a successful professional life. This aim corresponds to your university choice. Beyond any doubt, you will be able to achieve your aim at TOBB ETÜ.

We are looking forward to hosting you at the TOBB ETÜ Campus where you will discover the educational opportunities to achieve your goals and meet with our academic staff!

I wish your choice would provide the uttermost benefit for both you and the world. With all the respect,

> M. Rifat Hisarcıklıoğlu Chairman of the Board of Trustees of TOBB ETÜ President of TOBB



# Dear Students,

The world is going through a very difficult period due to once-in-century pandemic. Despite your young age and being at a very important turning point in your life, you have been one of the groups most affected by this period. You prepared for the university at home, through distance education and remote support, testing your patience as well as your knowledge. While the world has been changing rapidly for a while, almost every area of our lives is being reshaped with the new developments. This change will affect young people like you who were born in the early 2000s the most. You will learn the phenomena that we will likely hear and use more

frequently in the future, such as bio-technological drugs and vaccines, artificial intelligence, robots that will take on important tasks in mass production processes, financial innovation technologies, big data, globalization defined according to changing conditions and the restructuring of businesses. You will interpret these with your perspective and shape your and our future.

What awaits you at TOBB ETÜ?

- English Language Education at international standards... You will go through a very strict English program in the preparatory school and eventually you will reach a fulfilling level of foreign language by taking the TOEFL exam.

- When you start your undergraduate education, your theoretical knowledge will advance with the up-to-date technologies and our strong academic staff.

- You will be prepared for life by taking lessons in every field developed with an emphasis on practice.

- Starting from your 2nd year, you will participate in Cooperative Education Program and you will learn the job in the workplace. At the end of your four-year undergraduate education, you will have a work experience of 1 year.

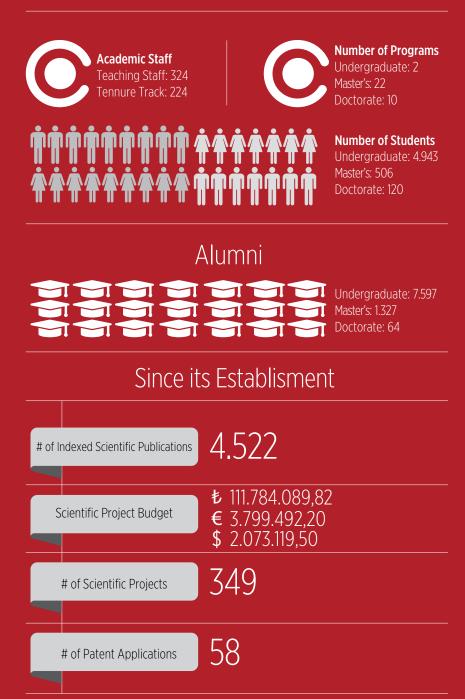
- You will learn a second foreign language.

- You will go through an entrepreneurship themed training program regardless of the department and you will meet the opportunities in this field.

#### Dear Students,

At TOBB ETÜ, an environment in the middle of the business world awaits you. While you are a student and have the luxury of making mistakes, you will experience all the details of your future profession. With a program in which you will work more and rest less, you will be prepared for a long, comfortable professional life. Wishing you to join the TOBB ETÜ family I respectfully greet you and your families who brought you to these days with great effort and dedication.

# Establishment: 2003



Faculty of Engineering: **1.816** Faculty of Architecture and Design: Faculty of Econ. and Administ. Sciences: Faculty of Law: Faculty of Science and Literature: Faculty of Medicine: Department of Foreign Languages:

Institutes and Student #

10 Doctorate 22 Master's Programs



\* As of 2021-2022 Fall Semester

Making Difference with the Cooperative Education Model!

# We have agreements with more than 4,000 companies and institutions!

# What is Cooperative Education (Co-op)?

TürkTraktö

Implemented only by TOBB ETÜ in Turkey, cooperative education is a unique educational approach grounded on university-industry collaboration that enables students to gain work experience prior to graduation.



# **COOPERATIVE EDUCATION**

TOBB ETÜ Graduates begin their careers with approximately **one-year work experience.** 

# Values of Co-op

- University-Industry Collaboration
- Well equipped manpower leading to the requirements of workplaces,
- Gives the opportunity to transform theory into practice,
- Gives the opportunity to participate in cooperative education program in foreign countries,

# TOBB ETÜ Students;

- Beginning from the sophomore year, work three and a half months as full time, paid and insured employees in a contracted company/institution every year.
- Develop knowledge of the sector or profession that is relevant to their future career.

# Our Cooperative Education Success Stories

## Volkan Keleş

In April 2015, Volkan Keleş, a student of the Department of Computer Engineering, began his cooperative education at Apple, at Silicon Valley, US. He worked with the 'GPU Compiler' team at the Development Technologies Department during his internship.





## Anıl Yeşil

Anil Yeşil, a junior student at the Department of Mechanical Engineering, made an invention during his first cooperative education at Eskisehir Arçelik Inc., and applied to the Turkish Patent Institute for his creation, entitled 'flip-o seal'.

TOBB ETÜ Law Faculty Students- Ayse İrem Pehlivanlı, Yudum Özçelik and Betül Yağmurworked at The Constitutional Court of the Republic of Turkey as part of their cooperative education. Having the opportunity to engage with constitutional courts during their undergraduate education, the Co-op education system enable our Law students to examine the practices of law.



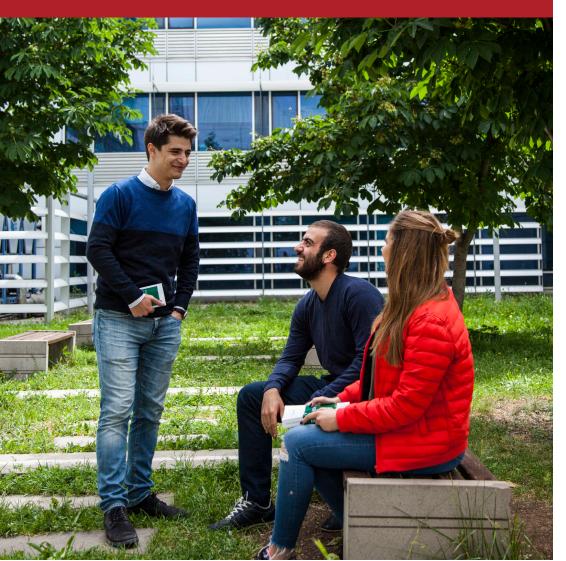
# Stanford University

#### Defne Görgün

Defne Görgün, a student of the Department of Biomedical Engineering, pursued her cooperative education at Stanford University, which is ranked the 3rd best university in the world by Times Higher Education's (THE) World University Rankings 2018.



In 10 years we appeared in the most reputable global university rankings. We became one of the most prefferred universities in Turkey.





# WE ARE THE YOUNGEST TURKISH UNIVERSITY TO GAIN A PLACE IN THE WORLD UNIVERSITY RANKINGS!

TOBB ETÜ ranked 64th in Millennial Universities which includes the top universities in the world, founded since the year 2000 based on Times Higher Education's (THE) 2020 Young University Rankings.

THE's assessment is based on 5 parameters including teaching, international recognition, industry revenue, research, and citations.

#### We are the first Turkish university to appear in Millennial Universities rankings.



TOBB ETÜ ranked 351-400 in THE's Young University Rankings 2021. TOBB ETÜ ranked 1001+ in THE's World University Rankings 2021.

# **3-Term Education**

Not 2 terms but 3 term education program Not one diploma but two diplomas

# **TOBB ETÜ students** achieve big things in a short time.

After passing the compulsory English preparatory class, undergraduate students complete 5 educational terms before they start the cooperative education program. The 3-term education program aims to ensure that TOBB ETÜ students are as well-equipped as possible for their first work experience.

# Specialization in Different Fields with Minor and Double Major Programs

- •Except the Faculty of Medicine, double major and minor programs are available in all departments.
- •Provided sufficient success in the program they enrolled in, TOBB ETÜ students are able to study a second major and receive two diplomas or enroll in a minor program and graduate with a certificate.

Term	Fall	Spring	Summer
1st Year	1st Term	2nd Term	3rd Term
2nd Year	4rd Term	5th Term	Coop. Educ. (1)
3rd Year	6th Term	Coop. Educ. (2)	7th Term
4th Year	Coop. Educ. (3)	8th Term	-

# **INTERDISCIPLINARY PROGRAMS**



# **Artificial Intelligence Engineering**

• With the undergraduate program opened for the first time in TOBB ETÜ, become one of Turkey's first artificial intelligence engineers.

# **Biomedical Engineering**

• The intersection of medicine and engineering in a dynamic undergraduate program.



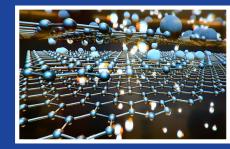


# International Entrepreneurship

• Learn entrepreneurship in different countries, experiencing new languages and cultures.

## Material Science and Nanotechnology Engineering • Interdisciplinary science and engineering

• Interdisciplinary science and engineering required in all industrial applications





## Mechatronics Engineering Minor Program • Interdisciplinary engineering combining machinery,

• Interdisciplinary engineering combining machinery, electronics and software.

# SCHOLARSHIP OPPORTUNITIES

## SUCCESS IS REWARDED!

TOBB ETÜ with a high scholarship rate, supports the students with scholarships in different categories that rewards success in every field.



# **Scholarships**

- •First 100 Scholarship
- Full Scholarship
- Science Olympics Scholarship
- Undergraduate Transfer Scholarship
- Academic Merit Scholarship
- Partial Scholarships
- Business and Industry Scholarship
- International Student Scholarship

# FOREIGN LANGUAGE

# English teaching at international standards and opportunity to learn a second foreign language.

# OUR FOREIGN LANGUAGE PROFICIENCY CRITERIA IS TOEFL

At TOBB ETÜ, the language of education is mainly Turkish. The English preparatory class is compulsory for all programs except the programs in Turkish Literature, History and Visual Communication Design.

## MANDATORY ENGLISH PREPARATORY CLASS

Our students take an English exam that determines their proficiency levels. At TOBB ETÜ, the proficiency exam offered is an exam with international standards, TOEFL ITP.

#### *NOT ONE, BUT TWO LANGUAGES TOBB ETÜ OFFERS ENGLISH AND A SECOND LANGUAGE DURING YOUR UNDERGRADUATE EDUCATION.*

Our students are obliged to take four courses of English during their undergraduate studies.

## MANDATORY SECOND FOREIGN LANGUAGE

In addition, TOBB ETÜ students choose their compulsory second foreign language beginning from their fifth academic term.

- German French Spanish Italian Arabic Russian Chinese
- Japanese

# FACULTIES DEPARTMENTS

- DRo



#### **FACULTY OF ENGINEERING**

Computer Engineering Biomedical Engineering Electrical and Electronics Engineering Industrial Engineering Mechanical Engineering Material Science and Nanotechnology Engineering Mechatronics Engineering Minor Program Artificial Intelligence Engineering

#### **FACULTY OF MEDICINE**

#### EAGULT& OF ECONOMICS AND ADMINISTRATIVE SCIENCES

Business Administration Political Science and International Relations International Entrepreneurship

#### **FACULTY OF LAW**

#### FACULTY OF ARCHITECTURE AND DESIGN

Industrial Design Visual Communication Design Interior Architecture and Environmental Design Architecture

#### FACULTY OF SCIENCE AND LITERATURE

Paydisologoguage and Literature History

Turkish Language and Literature

# INSTITUTES RESEARCH CENTERS

#### **RESEARCH CENTERS**

Energy Studies Application and Research Center Medical Products Design, Application and Research Center Social Policies Application and Research Center Continuing Education Research and Application Center Turkish Teaching, Research and Application Center TOBB ETÜ Water Turbine Design and Test Center Dispute Resolution Center



#### GRADUATE SCHOOL OF ENGINEERING AND SCIENCE Master's and PhD Programs

Electrical and Electronics Engineering

Computer Engineering

**Biomedical Engineering** 

Industrial Engineering

Mechanical Engineering

Micro and Nanotechnology Engineering

Mathematics

**Master's Programs** 

Architecture

Cyber Security

#### GRADUATE SCHOOL OF ECONOMICS AND SOCIAL SCIENCES Master's Programs

Economics

Management

International Relations

History

**Turkish Literature** 

**Design Studies** 

Security Studies

**Migration Studies** 

Public Law

Private Law

Applied Economics and Management

Clinical Psychology

#### PhD Programs

Political Science and International Relations Economics

#### GRADUATE SCHOOL OF MEDICAL SCIENCES Master's and PhD Programs

Molecular Sciences

# TECHNOLOGY CENTER

#### We provide

- •Advanced research and outsourced project opportunities
- •Strong engineering education
- Interdisciplinary projects
- Researcher support with our approach on "University-Industry Cooperation" and "Technology"
- Infrastructure that develops, grows and renews from year to year



- 23.000 m<sup>2</sup> indoor space
- 74 Research Laboratories
- 13 Design Studios
- 37 Education Laboratories
- The newest and most developed technologies and devices in the related field



# All opportunities for entrepreneurship are at TOBB ETÜ

Since the establishment of TOBB ETÜ Garaj in 2015; we have provided mentorship to our entrepreneurial students and alumni in the fields of Energy and Clean Environment Technologies, Digital Technologies and IOT, Health and Biotechnology; office and infrastructure to more than 200 teams with the support of our wide industry and investor network.

Entrepreneurship training, product/business development, finance and patent consultancy have been provided to more than 500 teams in 22 provinces, 74 of which were incorporated with the support of the Technology Transfer Office. Within the scope of TÜBİTAK BIGG GARAJ, which we have been conducting for 5 years, a grant of 13,600,000 TL was given to 68 of the 130 initiatives included in the program.



#### The difference of ERASMUS+ in TOBB ETÜ:

- •Opportunity to study abroad with ERASMUS+
- •Working abroad experience
- •Uninterrupted scholarship opportunity
- •Cooperation with 53 universities as well as various institutions and organizations

#### **ERASMUS+** Stories

#### Özgün Ademhan (Department of Business Administration, AGH University of Science and Technology, Poland)

"Participating in student learning mobility is one of the best things what you can do as a student and perhaps a unique opportunity that you cannot encounter during your entire life."

#### Merve Sedef (Department of International Relations, Coventry University, UK)

"I am very happy to have the opportunity to do my internship abroad in the scope of our university's cooperative education program in cooperation with the Erasmus+. I conceive many benefits that I gained during my internship as an International Relations student."



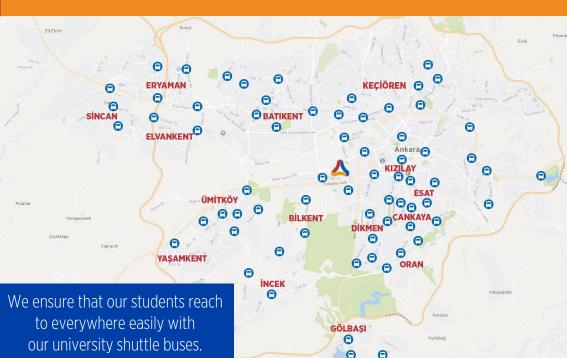
# LIFE AT TOBB ETÜ



#### Everyone is cheerful at TOBB ETÜ's Campus!

TOBB ETÜ has everything needed for a comfortable and safe education environment! A student-oriented campus with a closed area of approximately 163.000 m2, as a research base at international standards required by modern education which grows year by year with new investments.

- •Comfortable guesthouse facilities
- •Library
- •Sports fields
- Social facilities
- Technology Center
- Hospital



# Comfortable solutions for the accommodation of our students.

# TOBB ETÜ Guesthouse

 4 blocs, 624 rooms inside the guesthouse

IN WYTH

- Approximately 1300-student capacity,
- A modern living space parallel to our students' needs
- Common spaces for social activities,
- Cafes, restaurants, study spaces, sports center, visitor rooms, luggage storage rooms, washing and drying machines



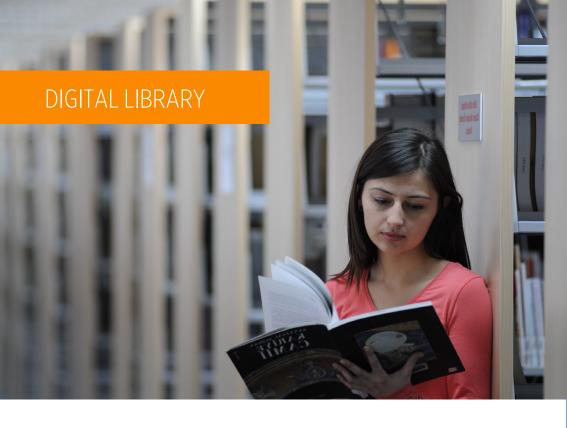
#### **SPECIFIC TO EACH ROOM**

- •Face recognition system
- •Modern heating and cooling system,
- •Fridge,
- •Wi-fi (Wireless Internet)
- •Phone,
- •Electronic building and room entrance system

#### **RESTING ROOM ON EACH FLOOR**

- •TV
- Dishwasher
- Stove, microwave and oven





# 7/24 Access to sources

- •Out of about 100 databases; over 370,000 electronic books; around 42,000 full-text electronic journals with millions of articles in different year intervals; reports, theses, etc.
- •Around 70,000 printed books, 900 printed theses and over 7,000 volumes magazine collections
- •Around 20 daily newspapers, 120 printed magazines and audio-visual material such as music recordings, documentaries etc.
- •Reading devices for visually handicapped students that enables reading by transforming printed sources to sound sources in the Visually Handicapped Information Center; and special services for visually handicapped students, Braillewriter
- •Cooperation and exchange agreements with libraries and information centers at home and abroad
- •Institutional Academic and Digital Archives, which can also be accessed through Turkish Academic Archive

#### **SPORTS CENTER**

- TOBB ETÜ students can benefit from all units of the sports and health centres free of charge at an assigned time during the day.
- Trainings of our university's sports clubs are held in these facilities in company with professional coaches.

#### **HEALTH CENTER**

- Infirmary inside the campus,
- Full-time nurse
- Services for emergency cases,
- Nursing services





# **OUR HOSPITAL**





- Polyclinics
- Specialized doctors
- Intensive care diagnosis and treatment units,
- Together with our innovative medical services, TOBB ETÜ Hospital with its international standards offer our students reduced health care service.

# RADIO ETÜ

#### Radio ETÜ continues to be the voice of the students with its renewed infrastructure.

Radio ETÜ's content and management planning are planned by our students. Together with the playlists prepared based on student demands during the exam periods and live sports broadcasts, Radio ETÜ is a student-friendly radio.



# GAZETTE ETÜ

#### gazete.etu.edu.tr

#### Our students look forward to every new issue of Gazette ETÜ and its exciting interviews.

Our newspaper continues to offer accurate and reliable news that covers different sections such as news from our university, opinion columns, culture-art articles, e-newspaper



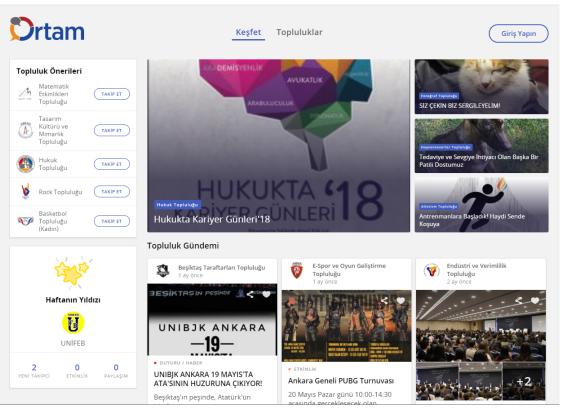
### ORTAM

#### Both a communication network and an information system! A well-designed communication network

- •First and only university social network in Turkey: ORTAM
- •Approximately 70 student clubs, activities and sports teams are at ORTAM!
- •Established after a long period of preparation, ORTAM is the social network of TOBB ETÜ students and graduates.
- •Together with the activities and news of the student clubs, ORTAM offers news including but not limited to game schedules and results of sports teams.

#### A user-friendly information processing system

- •Student Profile
- •In-Class Forum
- •Course Details
- •Absence Tracking
- •Final Exams, Midterm Exams, Make-up Exams
- •Grade Viewing
- •Course History
- •Cooperative Education Information
- •Second Foreign Language Information
- Probable Grade Calculator



### SPORTS AT TOBB ETÜ

#### Sports is a way of life at TOBB ETÜ.

OBBE

OBB ET

OBBETA

12

We create a space for our students that enables them to engage with the sports branch they wish to do.

*Our Men's Basketball Team played in two different leagues during 2016-2017 sports season!* 

OF3 A

Our Women's Volleyball Team completed their Hatay tournament successfully. We ranked third in the group at the 1.Legaue Inter-University Women Volleyball Competitions.

OBB ET

OBB ED

G

SOBB ET

FTF

#### We are the champion in FENCING!

Our student Begum Ataker won the I<sup>st</sup> place in Women's EPE Category at the National Inter-University Championship. A student of the Department of Business Administration, Begüm has been a member of the national team since 6 years.





We participated in the tournament for the 14 March Doctor's Day with our Faculty of Medicine's football team.



Our student Yiğitcan Saat, a student of the Department of Interior Architecture and Urban Design, broke a record at the Inter-University Shooting Championship.







## **Endless opportunities and support!**

Support for participation in scientific, cultural and social activities both at the local and international level.

We have more than 70 student clubs, which develop and transform parallel to our students' ideas and demands.

### LEADERSHIP CAMP

We organize a 'Leadership Camp' for our students each year, which enables them to interact with leaders and acquire the practical knowledge to become future leaders.

As a result of the 'Leadership Camp' organized by our Industry and Productivity student club, we host distinguished guests from the spheres of business, politics and art each year.



## TOBB ETÜ IS IMMERSED IN COLOURS WITH CONETÜ

# A visual festival with approximately 400 students!

CONNETÜ, which is held each year, attracts intensive attention of our students. Approximately 400 students participate in the festive-like activity including students of other universities such as Hacettepe University, ODTU, Dokuz Eylul University. The activity covers Cosplay Competition, EVOG Community's Game Competition, Twitter Photography Competition and FRP Table Games and ends with a party.



### Summer School

#### We are at school every season!

"Summer School" organized every summer by EVT, one of our student clubs, brings the energy of summer into the campus. The 2-day event featuring games, interviews, movie screenings, concerts and workshops is on of the most awaited events of summer term.



### Ortam

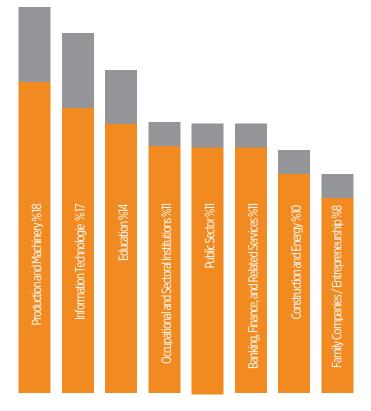
Fun Way of Getting to Know TOBB ETÜ

Nearly 70 student clubs welcome new TOBB ETÜ students during Ortam event each year. The event brings new students, student clubs and academics together and provides an informative as well as entertaining atmosphere, aiming to ease the adaptation to university life.



## We do not leave you after your graduation!

We are in constant contact with our alumni. We have a regularly updated alumni network. We lead the fields concerning high technology in the sectoral breakdown. We are a family that grows stronger year by year. We have successful alumni in every field.



Our alumni pursue their career in every field with great success.



If you want to challenge yourself academically, intellectually and socially- and interested in living in a capital city, then TOBB ETÜ is for you.



















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