Discover the EuroTeQ Partner Universities, course offerings and your international study options.
Local roots with an impact throughout Europe

We are the strongest group of technical universities in Europe, unified by a common goal. Learn more about the six highly renowned European universities of science and technology that form the EuroTeQ consortium.
WHAT OPPORTUNITIES DOES EUROTEQ OFFER STUDENTS?

The EuroTeQ partner universities work together in the EuroTeQ Joint Campus. Students of all partner institutions can choose from a diversity of opportunities. Let's take a look:

VIRTUAL MOBILITY

In our joint course catalogue, the six EuroTeQ universities and our associated partner Technion share educational offerings among partner institutions. The EuroTeQ courses are available to all students of each participating institution. The catalogue lists online courses, hybrid courses or blended courses with a very limited requirement to be present on-site.

The catalogue is available at www.euroteq.eu/courses and lists technological courses, but also language/culture and entrepreneurial courses. Registration is open twice a year, generally around June and around November. Pre-requisites may apply. These can be found in the detailed course information. Registration is done through your home institution. It is free of cost for students of all participating institutions.

For more information and deadlines, see the website: www.euroteq.eu/courses.

Why take courses from the EuroTeQ course catalogue?

- Virtual mobility is the low-cost, environmentally-friendly way to study abroad!
- Find opportunities to take a course that your home university doesn't offer!
This is the classical format for student exchange: spending a period abroad at a partner institution for a number of months. When you choose a EuroTeQ partner institution for your study-abroad period, you can be sure that you are going to a high-ranking partner university which will add value to your study programme. There are many bilateral exchange agreements between the EuroTeQ institutions. Also, the strong ties between our institutions support opportunities for collaboration, and in many instance, the teaching staff of both institutions may already know each other and be able to give you targeted advice.

Please your International Office to ask about the opportunities.

Why do a study-abroad period?

• To experience life in another country and get to know teachers, fellow students
• To discover how your subject area is taught at a well-renowned partner institution abroad
One of the key initiatives of the EuroTeQ Engineering University is the EuroTeQ Collider. It offers students the opportunity to work alongside industry partners on specific challenges and acquire new competencies. Participants can choose from a selection of challenges to help develop solutions to global societal challenges e.g. within the environment, waste, health, energy.

You will work in teams. You can draw on your universities’ thriving eco-systems as you develop your solutions. The collider addresses different stages of the challenge: ideation, choice of a solution, development, prototyping and preparation of the pitch in front of the jury.

Each university offers a different format of the Collider to fit local needs and the respective semesters timetables.

For more information and links to your local Collider contact points, see the website: https://euroteq.eu/collider

Why participate in the Collider?

• To work on a specific, real-life challenge in an international team
• If your team wins the competition, the award is a trip to Brussels
• An opportunity to develop valuable intercultural and entrepreneurial skills for your future career
• ECTS for students that complete the Collider and a EuroTeQ certificate for non-academic participants
What's nicer than a physical trip to a partner institution, with all the experiences and insights it can bring? It doesn't always have to be a full-blown semester mobility. In EuroTeQ, we have also started to offer blended courses. These are courses that are mainly taking place in an online format, but do have a physical-trip component. For instance, this could be a week-long programme at the start or at the end of the course on campus of the partner institution. It may be connected to laboratory work or to an exam on campus.

Depending on your home institution, travel funds may be available, for instance from the Erasmus+ short mobility funds. Contact your International Office to ask about possibilities.

You'll find the offer of blended courses in the EuroTeQ course catalogue: www.euroteq.eu/courses.

Why participate in a Summer Course?

• To have an international experience without practical difficulties of a semester-long exchange
• For getting a sneak-preview of a partner institution

HOW ABOUT INTERNSHIPS?

For some students, doing an internship may have a higher priority than spending a study period abroad. Can EuroTeQ also help with this? We can offer some limited support in this. We do not keep a database of internship opportunities, but we may be able to point you to a relevant counterpart at one of the EuroTeQ partner institutions, if you have come up with a proposal on your own. Contact your local EuroTeQ representative.
Munich is the capital of the German state of Bavaria, located in the south of Germany at the heart of Europe. Home to 1,5 million people - 135,000 of which are students - it is known for its high quality of living and the plentiful free time activities available.

The city itself has a rich history and is rooted in Bavarian culture. But also the modern and active Munich has much to offer. Theaters, museums, festivals like the Oktoberfest - but also parks and outdoor facilities leave little to be desired. You can even go surfing in Munich, when you make your way to the Eisbach at Englischer Garten.

Munich is located at the foothills of the Alps. Hiking and other outdoor activities in the mountains are popular among the locals. Those enjoying culture will also find many historic castles like the famous Neuschwanstein not far from Munich.

As one of the world's most livable cities, Munich is a bustling, yet safe and clean metropolis, offering an impressive range of leisure activities. The prosperous city is also home to several renowned global companies such as Siemens and BMW, and is a technology hub boasting excellent job and internship opportunities. Situated in the heart of Europe with outstanding flight and train connections, Munich is an excellent base to explore Germany's nine European neighbors and beyond.

At the Technical University of Munich (TUM), start-up initiatives receive optimal support in Germany's best launching pad for start-ups. Thus concludes the latest “Gründungsradar” survey. Every year around 80 companies get their start here.

The Technical University of Munich (TUM) is the strongest research university in Germany when it comes to business sciences.

Through its close cooperation with industry partners over the years, Technische Universität München (TUM) has played a crucial role in Bavaria's transition from an agrarian state to one of the leading high-tech hubs in Europe. Today, TUM still maintains close links with industry, signing around 1,000 cooperation agreements every year. It has also forged strong alliances with external research institutes, in particular Max Planck Institutes, the Helmholtz Zentrum München and the Fraunhofer Society. All of which makes TUM one of the best networked universities in Europe.
As one of Europe’s leading universities, TUM combines top-class facilities for cutting-edge research with unique learning opportunities for students from all over the world. Ranked among the top ten institutions globally for the employability of our students, we aim to create lasting value through excellence in education and research, active support of diverse talents, and a strong entrepreneurial mindset. Our students from abroad create a beautiful multicultural and truly inspiring international atmosphere. Key facts and figures about our university at a glance: www.tum.de/en/about-tum/our-university/facts-and-figures

International Campus Life offers orientation and support for incoming exchange students. The colorful program is aimed at all international students at TUM: The services offered by the International Campus Life team provide initial assistance at the beginning of your studies in Munich as well as an extensive cultural program throughout the semester.

More information available in here: https://international.tum.de/en/campuslife/

TUM FACulties and departments

Chemistry
Electrical and Computer Engineering
Informatics
Mathematics
Medicine
Physics
Sport and Health Sciences
TUM Campus Straubing
TUM School of Engineering and Design
TUM School of Life Sciences
TUM School of Management
TUM School of Social Sciences and Technology

WHy TUM?

FACTS AND FIGURES

48296 TOTAL STUDENTS
18505 INTERNATIONAL STUDENTS (38%)
141 NATIONALITIES

COURSES IN ENGLISH:

Bachelor’s 6
Master’s 53
Other Study Programs 2
DTU is located on the outskirts of the Danish capital, Copenhagen—the largest city in Denmark. More than two million people live in this greater metropolitan area, which offers calming forests, beautiful beaches, and one of the most exciting capitals in Europe.

Copenhagen is known for its modern architecture, world-class food, and cozy vibes. The city has been named the safest in the world, making it an excellent spot for anyone looking for an authentic Nordic experience. Here you can enjoy everything from a romantic stroll around Tivoli Gardens or the canals to Scandinavian design and local beer breweries, or you can spend your time “hygge” – the Danish term for having a surprisingly lovely time just enjoying life.

UNIVERSITY HIGHLIGHTS

• DTU is a technical university known for innovation, collaboration, and cutting-edge scientific knowledge. It is a place where new ideas come to life, students work together, and everyone shares the same focus: finding technical answers to real-life problems.

• Every study programme at DTU is interdisciplinary and centered around the technical and natural sciences. Working with each other and the industry, our students learn how to combine their theoretical knowledge with hands-on experiments. During their time at DTU, they will have access to top-of-the-class facilities and dedicated educators actively involved in research and innovation.

• Studying at DTU is a unique opportunity to be at the heart of ground-breaking knowledge and entrepreneurial spirit. The university offers a modern teaching approach that reflects how DTU works – innovation, critical thinking, collaboration, and engagement – all shaping the graduates. Here you will find that both students and staff are passionate about finding solutions for the benefit of people.

• At DTU, we believe in creating change. We support scalable and sustainable start-ups while collaborating with partnerships, alliances, and industries worldwide. We offer our students training on how to build and run a start-up with training programmes, funding competencies, team formation, mentoring, and incubation. All our programmes collaborate with the industry, and joint partners include Novo Nordisk, IFF, Novozymes, MAERSK, (AGC Biologics), NCC, PWC, LEGO, DSB, Alfa Laval, Pandora, and COWI. Through projects, cases, and group work, we prepare our students for the exciting work life waiting ahead.

http://www.euroteq.eu/courses
DTU is a vibrant elite technical university, easily recognized for its high level of international research and its sought-after graduates. At DTU, we believe in technology as a driver for necessary change, and we see the UN’s 17 Sustainable Development Goals as a key ingredient in all our programmes.

Students at DTU experience:

• an innovative and open-minded learning environment
• a research-based and innovative education
• a flexible modular course structure
• teacher/researcher to student ratio of 1:4
• all MSc programmes and one BSc Eng programme taught in English
• high-quality labs, teaching facilities, libraries, and computer facilities
• emphasis on combining theory and practice via project and lab work
• being involved in state-of-the-art knowledge and industry collaborations.

WHY DTU?

FACTS AND FIGURES

13414 TOTAL STUDENTS
1999 INTERNATIONAL STUDENTS
114 NATIONALITIES
COURSES IN ENGLISH: 1000+

DTU FACULTIES AND DEPARTMENTS

DTU Aqua, DTU Bioengineering, DTU Chemical Engineering, DTU Chemistry, DTU Construct, DTU Compute, DTU Electro, DTU Energy, DTU Engineering Technology, DTU Food, DTU Health Tech, DTU Management, DTU Physics, DTU Space, DTU Sustain, DTU Wind.
TU/e has a welcoming atmosphere where any student can feel at home. As a small university, we offer you an open culture where our students and our scientific staff work closely together on a first-name basis. Not only do we have a personal and hands-on educational approach and inspiring connections with industry, the province of Brabant is known throughout the Netherlands and abroad for its warm and friendly culture.

Because almost everybody in the Netherlands speaks English at a high level, our international students can enjoy this excellent atmosphere just as much. 65 Years young, we are a research-driven university of international standing. And TU/e offers even more: thriving communities, excellent facilities, including sport facilities (70 sports) and the charms of Eindhoven as a lively student city. Eindhoven is located in the South-East of the Netherlands, near to the German and Belgian borders.

“"We took on the adventure of welcoming students from the EuroTeq Universities. It was the first time and it was clear that we need to build up experience with a number of things, most importantly how to interact with students in an on-campus/online combination discussing philosophical questions. But these are solvable problems, and the promise of people from different countries and backgrounds with different interests meeting and working together in our course, discussing their wonderful ideas, is well worth the trouble."

- Jacob Voorthuis / Associate Professor of Philosophy in Architecture

http://www.euroteq.eu/courses
Central to TU/e’s vision for 2030 are three major challenges: sustainability, revolutionary technological development and increasing impact of technology on society. These require TU/e to be responsive toward multiple topics: student learning needs, industry needs for new knowledge and talent that enable new solutions, regional needs to act as innovation hubs with global impact, and the need of society to benefit from a technological revolution to enhance welfare for its people.

Societal challenges on Health, Energy and Smart Mobility are the driving force for TU/e’s research. Its research institutes, Eindhoven Artificial Intelligence Systems Institute, Eindhoven Institute for Renewable Energy Systems, Institute for Complex Molecular Systems and the Eindhoven Hendrik Casimir Institute combine the strengths of the university with industry needs and government strategy.

TU/e researchers play an important role in new products and companies in the Brainport area and all over the world. TU/e has the following departments: Applied Physics, Biomedical Engineering, Built Environment, Chemical Engineering and Chemistry, Eindhoven School of Education, Electrical Engineering, Industrial Design, Industrial Engineering and Innovation Sciences, Mathematics and Computer Science, Mechanical Engineering.

TU/e collaborates with many universities and institutes worldwide and it knows that diversity is a strength. That is why it creates a diverse, multicultural community on campus, with a growing number of international students and staff from countries around the world.

WHY TU/E?

FACTS AND FIGURES

13698 TOTAL STUDENTS
2569 INTERNATIONAL STUDENTS
90 NATIONALITIES
COURSES IN ENGLISH: ALL
CZECH TECHNICAL UNIVERSITY IN PRAGUE (CTU)

ABOUT THE CITY

The City of a Hundred Spires, Heart of Europe or the Golden City are just a few of many descriptions of Prague, the home of Czech Technical University. With its beauty, great central location, high quality education, safety, affordability, and many sport and cultural events, Prague is the ideal student city. Currently, there are over 50,000 international students living in Prague and the Czech Republic.

UNIVERSITY HIGHLIGHTS

Established in 1707, CTU is one of the largest and oldest technical universities in Europe. It has maintained its strong position over the centuries and today it is an important European center for Industry 4.0, Artificial Intelligence Research, Drones, Smart Cities, etc.

- According to the ranking of the best institutions in the field of informatics (Computer Science), computer scientists from the Faculty of Electrical Engineering of the Czech Technical University and the Czech Institute of Informatics, Robotics and Cybernetics of the Czech Technical University are among the European leaders in selected field, such as computer vision.

- CTU is heavily involved and connected to the industry mainly in the collaboration in research activities and by companies supporting the Mentoring programme where the student (Mentee) visits her/his mentor in the company and accompanies her/him in her/his everyday work and is actively involved in real projects. Mentoring enables flexible cooperation based on an agreement between the student and the mentor and it Helps the student make the transition from student life to working environment more easily.

http://www.euroteq.eu/courses
WHY CTU?

Besides the ‘traditional’ engineering branches, there are also top-level advanced research departments and facilities involved in cutting-edge research in topics like cybernetics, IT, artificial intelligence, advanced engineering materials, airspace technologies, smart cities, nuclear reactors, smart medical engineering and much more. Accordingly, CTU participates in many international consortia, for instance CERN, Fermilab, JINR, ITER and many more. CTU is involved in large research programs funded by EU like Horizon 2020 as well as hosts of prestigious ERC research projects such as:

- AI4REASON: Artificial Intelligence for Large-Scale Computer-Assisted Reasoning
- ELE: Evolving Language Ecosystems

FACTS AND FIGURES

15627 TOTAL STUDENTS
3433 INTERNATIONAL STUDENTS
96 NATIONALITIES

COURSES IN ENGLISH:
BACHELOR’S: 10
MASTER’S: 26

CTU FACULTIES AND DEPARTMENTS

Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Electrical Engineering, Faculty of Nuclear Sciences and Physical Engineering, Faculty of Architecture, Faculty of Transportation Sciences, Faculty of Biomedical Engineering, Faculty of Information Technology, Masaryk Institute of Advanced Studies (School of Business, CIIRC - Czech Institute of Informatics, Robotics and Cybernetics, UCEED - University Centre for Energy Efficient Buildings, Klokner Institute, Institute of Experimental and Applied Physics.
TALLINN UNIVERSITY OF TECHNOLOGY (TALTECH)

ABOUT THE CITY

Tallinn is the capital city of Estonia, home to about 450,000 people. The city has a long and colorful history – first established in the early medieval era. The Old Town of Tallinn has been on the UNESCO World Heritage list since 1997. Today’s Tallinn is a very green capital, and a great mix of old and new.

Tallinn University of Technology (TalTech) is the only flagship in engineering and IT science and education in Estonia, providing higher education at all levels in engineering and technology, information technology, economics, science, and maritime. TalTech’s mission is to be a promoter of science, technology, and innovation and a leading provider of engineering and economic education in Estonia.

“TalTech’s Intellectual Property Law course didn’t have too many paragraphs and directives, most examples were taken from real life. I liked the teacher’s jokes and drawings, as well as his willingness to help students with their homework and other tasks.”
- Matěj Černík, student at Czech Technical University in Prague

UNIVERSITY HIGHLIGHTS

Our researchers are always actively looking for new and innovative solutions. Here are just a few examples of their highly useful research projects results in various fields of science:

• Smart City and iseAuto – The research group is working on development and implementation of self-driving vehicles and autonomous systems, in particular, a localization and mission planning, motion parameters and path following, object detection and obstacle avoidance, sensor fusion and simulations. In addition, the research group is dealing with the wider smart city concept and intelligent transportation. An autonomous system realistic testbed is under the development including test platform for V2V and V2I communications and interactions. In longer turn, the complete solution a scientific and educational test platform will be developed for providing the experiments for V2X solutions.

• E-Health Projects - No longer can we escape the inevitable - our health care is being digitalized. E-solutions for healthcare is the future we can already embrace now - for example cancer diagnosing systems by analyzing complex data sets, drug detection systems, 3D prints and virtual reality solutions.
WHY TALTECH?

TalTech is the most innovative university in Estonia. TalTech is a modern university of technology, providing higher education at all levels in engineering and technology, IT, economics, science, and maritime affairs. We are responsible for ensuring the next generation of engineers and advancing engineering culture in Estonia and the Baltic sea region, contributing to the sustainable development of the society and increased national prosperity with its innovative services. Other strengths of the university:

• The flagship of engineering and IT education
• Influential and successful alumni
• Academic backbone of e-Estonia and digital society
• Innovation driver

FACTS AND FIGURES

9236 TOTAL STUDENTS
1181 INTERNATIONAL STUDENTS
92 NATIONALITIES
COURSES IN ENGLISH: 400+

TALTECH FACULTIES AND DEPARTMENTS

School of Engineering
School of Business and Governance
School of Information and Technologies
School of Science
Estonian Maritime Academy
ÉCOLE POLYTECHNIQUE (L’X)

Founded in 1794, in the aftermath of the French Revolution, to educate future engineers and equip them with excellent scientific training, École Polytechnique has a longstanding history. In 1804, the School was granted military status by Napoleon I. As a public institution, the School operates under the administrative supervision of the Ministry of Armed Forces. École Polytechnique’s alumni network includes many outstanding scientists and leaders in politics and business, and comprises over 30,000 alumni around the world.

École Polytechnique is a founding member of the Institut Polytechnique de Paris, a public higher education and research institution comprising five prestigious French engineering Schools (École Polytechnique, ENSTA Paris, ENSAE Paris, Télécom Paris, and Télécom SudParis). Highly internationalized, École Polytechnique holds strong partnerships with top universities worldwide and also participates in several international alliances.

CAMPUS

Located at Palaiseau, in the south of Paris (20 km), École Polytechnique’s campus stretches over 160 ha and is situated on the Plateau de Saclay. This area stands out for the density of higher education institutions, research laboratories, R & D centers of major companies, and start-up incubators it encompasses.

The research conducted in the over 320 laboratories represents 15% of national research and the Paris-Saclay Cluster accounts for 40% of public and private research employments in the Paris Region. This unique ecosystem offers privileged access to the latest scientific findings in multiple domains and fosters the innovation to make the best use of scientific and technological breakthroughs.

École Polytechnique’s over 8 ha of outdoor sports areas invite students and staff to exercise in many disciplines such as soccer, rugby, tennis, rowing, and canoeing on a semi-artificial lake. Moreover, the School’s campus also offers over 12 000 m2 of indoor sports facilities, including two swimming pools, a climbing wall, two tennis courts, and an equestrian center.

http://www.euroteq.eu/courses
École Polytechnique, also known as "l’X", is part of the leading French higher education institutions and combines top-level research, academic education, and innovation at the cutting edge of science and technology.

Its undergraduate and graduate-level programs – Bachelor of Science, Ingénieur Polytechnicien program (Master’s degree level), Masters of Science & Technology, and PhD programme – are highly selective and promote a culture of excellence with a strong emphasis on science and technology, anchored in humanist traditions.

The School also holds the first place in several rankings of French engineering universities 2023 conducted by French media (Le Figaro Etudiant, L’Etudiant and L’Usine Nouvelle).

École Polytechnique comprises 23 research laboratories, 22 of which are joint research units with the French National Center for Scientific Research (CNRS).

In its beginnings focused on basic research, in particular in physics and mathematics, the School upholds the priority of fundamental research, but also engages in applied researches. École Polytechnique’s research is carried out within the Institut Polytechnique de Paris, which includes 30 laboratories and several interdisciplinary centers, dedicated to advancing research and fostering innovation in specific areas: Energy for Climate (E4C), Engineering for Health (E4H), CIÉDS - Interdisciplinary Centre for Defence and Security, Hi! PARIS: Center on AI & Data for Business and Society.

The institution’s 11 academic and research departments focus on Biology, Chemistry, Economy, Humanities and Social Science, Computer Science, Languages and Cultures, Pure Mathematics, Applied Mathematics, Mechanics, Physics, Innovation Management and Entrepreneurship.

WHY ÉCOLE POLYTECHNIQUE?

FACTS AND FIGURES

3700 TOTAL STUDENTS
40% INTERNATIONAL STUDENTS
100+ NATIONALITIES
Israel's leading university for science and technology is located on Mount Carmel in the city of Haifa by the Mediterranean Sea. Haifa is Israel's northern capital and third largest city. It is an hour drive north from Tel Aviv and home to a population of more than 250,000 residents from diverse cultures and faiths: Jews, Muslims, Christians, Ahmadi (an Indian sect of Islam), Druze and Bahai. The city serves as the world center of the Bahai faith, famous for its magnificent gardens. Haifa's white sandy beaches, breathtaking mountainous scenery, clean streets, lush quiet neighborhoods and bountiful religious and historical sites offer visitors a unique blend of traditional and contemporary culture.

Haifa is considered a bustling technological and academic hub, housing high-tech giants as well as two leading universities which together have a combined enrollment of approximately 40,000 students from Israel and abroad. Impressively, the world's most important scientific and research breakthroughs have emerged from the city of Haifa.

Technion is where diseases are cured, Nobel prizes are won and where technology happens to make the world a better place. The Technion campus is one of the largest and most beautiful university campuses in Israel.

Three Technion professors have won a Nobel Prize. As a world-leading university, Technion's global influence has grown with its international connections which includes three campuses worldwide.

Technion defining moments have had a tremendous impact on the world as well as on the individuals responsible for these achievements. Some of Technion-born innovations are:

- **Disk on key** – was introduced by Technion graduate, Dov Moran, in his role as founder and chairman of M-Systems.
- **A breath test for cancer** – Using advanced nanosensors to save lives through early diagnosis, the work of Professor Hossam Haick exemplifies how ingenuity combined with innovation shapes a better future.
- **ReWalk** – founded by Technion graduate Dr. Amir Goffer, developed a revolutionary robotic suit that enables paraplegics to walk, climb stairs, and drive.
- **World's First Slaughter-Free Beef** – Aleph Farms grows real steaks from isolated cow cells. It was co-founded by the Israeli food-tech incubator “The Kitchen” of Strauss Group Ltd and Technion.
- **Intel Israel** – was set up by Technion graduate Dov Frohman and rapidly became the innovative source of generations of advanced Intel processors.
- **Azilect** – a treatment for Parkinson's disease, was developed by Profs. Moussa Youdim and John Finberg together with Teva Pharmaceuticals.

http://www.euroteq.eu/courses
Technion is amongst the world's leading technological and scientific universities. It plays a key role in Israel's entrepreneurial ecosystem and is an incubator for future successful innovators and entrepreneurs.

Technion supports a diverse student body to enrich the educational experience for both Israeli and international students in order to create the leaders of tomorrow. It features state-of-the-art laboratories and takes pride in preparing its students for independent, critical, and creative thinking in an environment that supports promising research, encourages innovation, and celebrates excellence. The university offers many opportunities for international students to study in English at both the undergraduate and graduate level.

**WHY TECHNION?**

**FACTS AND FIGURES**

- **14996** TOTAL STUDENTS
- **1320** DOCTORATE
- **2633** MASTER’S
- **11043** BACHELOR’S AND MD
- ± **1400** INTERNATIONAL STUDENTS
- **18** FACULTIES
EUROTEQ – A PRESTIGE PROJECT OF THE EUROPEAN COMMISSION

The European Universities Initiative is one of the European Commission’s most prestigious funding schemes. The objective of this instrument is to establish ambitious European university alliances over the next few years that will make the European university landscape even stronger. The EU is funding EuroTeQ as part of its European Universities programme over three years with around five million euros through Erasmus+ and two million euros from Horizon 2020.