ONE OF THE OLDEST TECHNICAL UNIVERSITIES IN EUROPE. FOUNDED IN 1707.

RESEARCH
Research is carried out at all eight faculties and also at the University Center for Energy Efficient Buildings (UCEEB), the Czech Institute of Informatics, Robotics, and Cybernetics (CIIRC), the Klokner Institute, the Institute of Technical and Experimental Physics, and the MIAS School of Business.

COOPERATION WITH INDUSTRY
The University has built up strong bonds with its industrial partners, including important world-scale players, such as NASA, GE, IBM, AVAST, Skanska, Skoda-Volkswagen and more.

STUDY AT CTU
CTU RANKINGS
CTU took 9th place in the QS EECA University Rankings. Prague appears in many Best Student Cities rankings in top places confirming its safe and international environment.

Study in Prague
STUDY PROGRAMMES

FACULTY OF CIVIL ENGINEERING

Bachelor degree programmes
• Civil Engineering

Master degree programmes
• Civil Engineering
• Water and Environmental Engineering

Doctoral degree programmes
• Architecture and Sustainable Development
• Acoustics
• Building Engineering
• Construction Management and Engineering
• Environmental Engineering
• Geodesy and Cartography
• Mathematics in Civil Engineering
• Physical and Material Engineering
• Structural and Transportation Engineering
• Water Management and Water Engineering

FACULTY OF MECHANICAL ENGINEERING

Bachelor degree programmes
• Theoretical Fundamentals of Mechanical Engineering

Master degree programmes
• Master of Automotive Engineering – Double Degree
• Automation and Instrumentation Processes
• Power Engineering and Process Engineering
• Environmental Engineering

Doctoral degree programmes
• Applied Sciences in Mechanical Engineering
• Energy and Process Engineering
• Design Engineering and Mechatronics
• Machine and Process Control
• Production and Material Engineering

Study in Prague
STUDY PROGRAMMES

3 FACULTY OF ELECTRICAL ENGINEERING

Bachelor degree programmes
• Electrical Engineering and Computer Science

Master degree programmes
• Aerospace Engineering
• Electrical Engineering, Power Engineering and Management
• Electronics and Communications
• Cybernetics and Robotics
• Medical Electronics and Bioinformatics
• Open Informatics

Doctoral degree programmes
• Acoustics
• Aeronautical and Space Engineering
• Applied Physics
• Bioengineering
• Economics of Energy and Electrical Engineering
• Electrical Engineering and Communications
• Computer Science
• Cybernetics and Robotics

4 FACULTY OF NUCLEAR SCIENCES AND PHYSICAL ENGINEERING

Master degree programmes
• Mathematical Physics
• Plasma Physics and Thermonuclear Fusion
• Physical Electronics
• Quantum Technologies
• Solid State Engineering
• Nuclear and Particle Physics

Doctoral degree programmes
• Mathematical Engineering
• Physical Engineering
• Nuclear Engineering
• Nuclear Chemistry
• Radiological Physics
• Applied Informatics
• Nuclear Safety, Security and Forensics
• Quantum Technologies

Study in Prague
FACULTY OF ARCHITECTURE
Master degree programmes
• Architecture and Urbanism
• Design
• Landscape Architecture
Doctoral degree programmes
• Architecture and Urbanism

FACULTY OF TRANSPORTATION SCIENCES
Bachelor degree programmes
• Technology in Transportation and Telecommunications
Master degree programmes
• Intelligent Transport Systems
Doctoral degree programmes
• Transportation Systems and Technology

FACULTY OF BIOMEDICAL ENGINEERING
Bachelor degree programmes
• Biomedical Technology
Master degree programmes
• Biomedical and Clinical Technology
• Systematic Integration of Processes in Healthcare
Doctoral degree programmes
• Biomedical Engineering

FACULTY OF INFORMATION TECHNOLOGY
Bachelor degree programmes
• Informatics
Master degree programmes
• Informatics
Doctoral degree programmes
• Informatics

MIAS SCHOOL OF BUSINESS
Bachelor degree programmes
• Economics and Management
Master degree programmes
• Innovation Project Management
Preparatory Programme
• English, Business, Mathematics

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JOIN ONE OF MANY CTU STUDENT CLUBS FOCUSING ON PARTICULAR FIELD!

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student club at the Faculty of Mechanical Engineering, trainings, internships, events...
www.esc.fs.cvut.cz

FIT++
student club at the Faculty of Information Technology: events, festivals...
www.klubfitpp.cz

+/-FEL
student club at the Faculty of Electrical Engineering: events, seminars, workshops...
www.esc.fs.cvut.cz

BION
student club at the Faculty of Biomedical Engineering with a wide range of benefits...
www.bion.cvut.cz

INTERNATIONAL STUDENT CLUB
ineGREATion party, language courses, trips and events...
www.isc.cvut.cz

IAESTE
international internships, job fair iKariera, communication with companies...
www.iaeste.cz

ENGINEERS PRAGUE
hockey club connecting students from Prague public schools (EUHL)...
www.engineersprague.cz
We provide practical on-site training for students, support experimental research projects, and contribute to better integration of university education, research and industrial experience.
STUDY PROGRAMMES

BACHELOR DEGREE
Civil Engineering (4 years)
- Building Structures

110 000 CZK/year*

MASTER’S DEGREE
Civil Engineering (1.5 years)
- Building Structures
Water and Environmental Engineering

132 000 CZK/year*

DOCTORAL DEGREE
Architecture and Sustainable Development (4 years)
Acoustics (FEL, multi-faculty programme, 4 years)
Building Engineering (4 years)
Construction Management and Engineering (4 years)
Environmental Engineering (4 years)
Geodesy and Cartography (4 years)
Mathematics in Civil Engineering (4 years)
Physical and Material Engineering (4 years)
Structural and Transportation Engineering (4 years)
Water Management and Water Engineering (4 years)

1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate

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Mechanical engineering has a great potential for development in the future. Its versatility leads to rich job prospects for mechanical engineers. Our graduates in environmental engineering, power engineering, mechatronics, transportation, fluid mechanics, biomechanics or manufacturing engineering are in increasingly high demand.
STUDY PROGRAMMES

BACHELOR DEGREE
Theoretical Fundamentals of Mechanical Engineering (3 years)

MASTER DEGREE
Master of Automotive Engineering (2 years) (Double Degree, special fee structure)
Automation and Instrumentation Processes
Power Engineering and Process Engineering
Environmental Engineering

DOCTORAL DEGREE
Applied Sciences in Mechanical Engineering
Energy and Process Engineering
Design Engineering and Mechatronics
Machine and Process Control
Production and Material Engineering

110 000 CZK/year*
132 000 CZK/year*
1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate

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We offer innovative solutions to our industrial partners and to military and security institutions. We participate in space research programmes and work for government agencies.
STUDY PROGRAMMES

BACHELOR DEGREE
Electrical Engineering and Computer Science (3 years)

MASTER DEGREE
Electrical Engineering, Power Engineering and Management (2 years)
- Management of Power Engineering and Electrotechnics
- Electrical Drives
- Electrical Power Engineering
- Technological Systems

Electronics and Communications (2 years)
- Communication Systems and Networks
- Electronics
- Media and Signal Processing
- Mobile Communications

Open Informatics (2 years)
- Artificial Intelligence
- Bioinformatics
- Computer Engineering
- Computer Graphics
- Computer Vision and Image Processing

Aerospace Engineering (2 years)
- Avionics

Cybernetics and Robotics (2 years)
- AIR and Space Systems
- Cybernetics and Robotics
- Robotics

Medical electronics and bioinformatics (2 years)
- Medical electronics and bioinformatics

DOCTORAL DEGREE
Acoustics (4 years)
Applied Physics (4 years)
Bioengineering (4 years)
Economics of Energy and Electrical Engineering (4 years)
Electrical Engineering and Communications (4 years)
- Electronics and measuring techniques
- Electrical Power Engineering
- Telecommunication Engineering
- Radioelectronics
Computer Science (4 years)
Cybernetics and Robotics (4 years)
Aeronautical and Space Engineering (4 years)

Electronics and Communications (2 years)
- Photonics
- Radio Systems
- Technology of the Internet of Things

Open Informatics (2 years)
- Cyber Security
- Data Science
- Human-Computer Interaction
- Software Engineering

Aerospace Engineering (2 years)
- Avionics

Cybernetics and Robotics (2 years)
- Air and Space Systems
- Cybernetics and Robotics
- Robotics

Medical electronics and bioinformatics (2 years)
- Medical electronics and bioinformatics

* price in EUR/USD – according to the current exchange rate

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STUDY AT
CZECH TECHNICAL UNIVERSITY IN PRAGUE
The faculty is situated in the heart of Prague and offers programmes covering nuclear sciences, as well as mathematics, physics, IT and chemistry. The students benefit from personal approach, modern facilities and opportunities to get involved in research projects.
STUDY PROGRAMMES

MASTER DEGREE
Mathematical Physics
Plasma Physics and Thermonuclear Fusion
Physical Electronics
Quantum Technologies
Solid State Engineering
Nuclear and Particle Physics

DOCTORAL DEGREE
Applied Informatics
Mathematical Engineering (4 years)
Physical Engineering (4 years)
Nuclear Engineering (4 years)
Nuclear Chemistry (4 years)
Nuclear Safety, Security and Forensics
Radiological Physics (4 years)
Quantum Technologies

132 000 CZK/year*

1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate
The present day range of study programmes covers a broad spectrum of courses on designing structures, residential buildings, zones and landscapes and also on industrial design.
STUDY PROGRAMMES

MASTER DEGREE
Architecture and Urbanism (2 years)
Design (2 years)
Landscape Architecture

DOCTORAL DEGREE
Architecture and Urbanism (4 years)

132 000 CZK/year*
1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate
Ever increasing demand for transport is one of the characteristic features of our time. It has to be addressed by suitable means and in accordance with the transport polices implemented at the different administrative levels – city, region, country and Europe.
STUDY PROGRAMMES

BACHELOR DEGREE
Technology in Transportation and Telecommunications (3 years)
• Profesional Pilot
• Air Transport

110 000 CZK/year*

MASTER INTERNATIONAL DEGREE
Technology in Transportation and Telecommunications (2 years)
• Intelligent Transport Systems (IS)

132 000 CZK/year*

DOCTORAL DEGREE
Transportation Systems and Technology (4 years)
• Transportation Systems and Technology

1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate

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dopraavka
We have our own spin-off company Clever-tech. The potential is focused on projects linking technology, medicine, health services, together with elements of safety and life saving.
STUDY PROGRAMMES

BACHELOR DEGREE
Biomedical Technology (3 years)

DOCTORAL DEGREE
Biomedical Engineering (4 years)

MASTER’S DEGREE
Biomedical and Clinical Technology (2 years)
  • Biomedical Engineering
Systematic Integration of Processes in Healthcare (2 years)

110 000 CZK/year*

1 000 CZK/year*

132 000 CZK/year*

* price in EUR/USD – according to the current exchange rate

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Informatics is a scientific and engineering field for the 21st century that is, becoming more and more an integral part of all spheres of our society. ICT changes our daily lives, it opens new unimaginable possibilities, it has a dramatic impact on everything we do.
STUDY PROGRAMMES

BACHELOR DEGREE
Informatics (3 years)
- Computer Science
- Web and Software Engineering – specialization Software Engineering
- Computer Security and Information Technology

DOCTORAL DEGREE
Informatics (4 years)

MASTER’S DEGREE
Informatics (2 years)
- Computer Security
- Computer Systems and Networks
- Design and Programming of Embedded Systems
- Web and Software Engineering – specialization Software Engineering

128 000 CZK/year*
1 000 CZK/year*

* price in EUR/USD – according to the current exchange rate

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Our graduates manage businesses, innovations, projects, as well as industrial and regional policy, combining robust expertise in economics and management with technical and technological insight and intercultural skills.
STUDY PROGRAMMES

BACHELOR’S DEGREE
Economics and Management (3 years)

110 000 CZK/year*

PREPARATORY PROGRAMME
English, Business, Mathematics (usually 1 year)

110 000 CZK/year*

MASTER’S DEGREE
Innovation Project Management (2 years)

132 000 CZK/year*

* price in EUR/USD – according to the current exchange rate
We aim to be a prestigious university where the emphasis will be on high-quality scientific and research work, and on being a significant performer in the European research and education space.
This card introduces a short cross-section of the research facilities at CTU, most of which collaborate closely with national and international research institutes, and also with the private sector.

- **UCEEB**
  UNIVERSITY CENTER FOR ENERGY EFFICIENT BUILDINGS
  WWW.UCEEB.CZ/EN

- **CIIRC**
  CZECH INSTITUTE OF INFORMATICS, ROBOTICS AND CYBERNETICS
  WWW.CIIRC.CVUT.CZ

- **IEAP (UTEF)**
  INSTITUTE OF EXPERIMENTAL AND APPLIED PHYSICS OF CTU
  WWW.UTEF.CVUT.CZ

- **KLOKNER INSTITUTE**
  CENTER FOR COMPOSITE MATERIALS AND CONSTRUCTION
  WWW.KLOK.CVUT.CZ

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CHECKLIST

- Choose field of study
- Fill out the application form and pay the administrative fee
- Validate your previous studies
- Wait for the response of the faculty*
- Accommodation
- Visa if applicable
- Health insurance
- Arriving to Prague
- Participate in Orientation Week
- Visit the study department of your faculty
- Join the international community
- Study at CTU

* entrance exam if applicable
WHY CTU?

- FREE SPORT COURSES
- GREAT INTERNATIONAL COMMUNITY
- DORMITORIES & CAFETERIAS ON CAMPUS
- PRAGUE HEART OF EUROPE

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CZECH TECHNICAL UNIVERSITY IN PRAGUE

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