Short-term study abroad: do IT in Brno!

- Old monastery full of modern facilities
- Heart of Europe
- Find new interests
- Fun, parties, excursions
- Elite university
- Student city
- The best technologies
- Make lifelong friends
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WELCOME TO
the Faculty of Information Technology of BUT

BUT is the oldest university in Brno with distinguished tradition of almost 120 years (founded in 1899 by Emperor Franz Joseph I) and largest engineering university in the Czech Republic. It is one of the elite technical and research universities in central Europe. In 2018, TOP Universities ranking for 2018 BUT was at the position 601–650, which means, that it belongs to 2.3 % of the best universities in whole world. We do believe that studying at FIT and living in the vibrant university city of Brno will bring you an unforgettable life experience.

Faculty of Information Technology

Located in the unique, former Carthusian monastery, interconnected with a new modern building near the city centre, the Faculty of Information Technology is one of the leading European educational and research institutions providing top quality degrees in information and computer technologies. Students are encouraged to work on their own projects in the Faculty’s Computer Centre and to join teams pursuing national and international research in state-of-the-art laboratories, including, but not limited to, multimedia, biometrics, optics and robotics. They learn from the best – many of lecturers are top research leaders!

FIT’s most recent achievement is becoming one of the 15 world-class research teams across nine European countries to join Facebook’s GPU Partnership Programme, which allows FIT to make faster progress in the field of artificial intelligence.

Why to study at FIT BUT?

• The best technologies – supercomputing, modern labs, flight simulator
• Practical orientation – industry, research, projects
• Campus – old monastery full of modern facilities
• Graduates – high demand, 99% in 3 month, 120% salary
• Brno – Silicon Valley of Europe
• Learn from the best – lecturers are top research leaders
• International cooperation
• Become the elite in IT at FIT BUT

- Laboratories
- Computer Network Lab
- Printed Circuits Lab
- Biometric Lab
- Multimedia Lab of Advanced Integrated Systems (Flight Simulators)
- Robotic and Human-Robot Interaction Lab
- Microscopic Analysis Lab
- Optical Lab
INTERNATIONAL & SHORT-TERM STUDY
The IT world meets in Brno

FIT enjoys international recognition and the quality of top graduates and has long been collaborating with foreign universities and research entities in mobility – in last 5 years:

- 130 academics and scientists visited FIT BUT,
- 150 academics went abroad,
- 340/320 outgoing/incoming students,
- 30 academics and researchers participated in foreign placements,
- keeps more than 70 active Erasmus partnerships,
- numbers of non-EU mobility partners.

COURSES GIVEN in English offered to short-term students

<table>
<thead>
<tr>
<th>Winter Semester – Bachelor’s study level</th>
<th>Course unit code</th>
<th>Credits</th>
<th>Course unit title</th>
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<tbody>
<tr>
<td>IALe</td>
<td>5</td>
<td>Algorithms</td>
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<td>IELe</td>
<td>5</td>
<td>Electronics for Information Technology</td>
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<td>IEke</td>
<td>5</td>
<td>Formal Languages and Compilers</td>
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<td>UIae</td>
<td>5</td>
<td>Java Programming Language</td>
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<tr>
<td>INCe</td>
<td>5</td>
<td>Digital Systems Design</td>
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<td>IPke</td>
<td>5</td>
<td>Computer Communications and Networks</td>
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<td>IPke1</td>
<td>5</td>
<td>Project Practice 1</td>
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<td>IISe</td>
<td>6</td>
<td>Signals and Systems</td>
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<td>IISe1</td>
<td>5</td>
<td>Term Thesis</td>
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<tr>
<td>ITUe</td>
<td>5</td>
<td>User Interface Programming</td>
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<td>ITWe</td>
<td>5</td>
<td>Web Design</td>
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<td>ITUe1</td>
<td>5</td>
<td>Fundamentals of Artificial Intelligence</td>
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<tr>
<th>Winter Semester – Master’s study level</th>
<th>Course unit code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GALe</td>
<td>5</td>
<td>Graph Algorithms</td>
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<tr>
<td>SJJa</td>
<td>5</td>
<td>Graphical User Interfaces in Java</td>
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<tr>
<td>PDBa</td>
<td>5</td>
<td>Advanced Database Systems</td>
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<tr>
<td>PSGa</td>
<td>5</td>
<td>Advanced Computer Graphics</td>
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<td>PGrb</td>
<td>5</td>
<td>Computer Graphics</td>
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<td>PDVa</td>
<td>5</td>
<td>Computer Vision</td>
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<td>PPe1</td>
<td>5</td>
<td>Project Practice 1</td>
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<td>RDBa</td>
<td>5</td>
<td>Robotics</td>
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<td>ROSa</td>
<td>5</td>
<td>Real-Time Operating Systems</td>
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<td>SEPb</td>
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<td>Term Project</td>
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<td>SEPb1</td>
<td>5</td>
<td>Term Project</td>
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<tr>
<td>TAMa</td>
<td>5</td>
<td>Application Development for Mobile Devices</td>
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<td>VYPa</td>
<td>5</td>
<td>Compiler Construction</td>
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<tr>
<th>Winter Semester – PhD study level</th>
<th>Course unit code</th>
<th>Course unit title</th>
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<tr>
<td>TID</td>
<td></td>
<td>Modern Theoretical Computer Science</td>
</tr>
</tbody>
</table>

1) Enrollment in these courses depends on the availability of a supervisor who must be appointed before signing the Learning Agreement. Students interested in these courses are required to send their Transcripts of Records and specify the area(s) of their interest for project work by email to studena@fit.vutbr.cz well in advance.

Detailed information on courses
INTERNATIONAL & SHORT-TERM STUDY
The IT world meets in Brno

Short-term study
The faculty welcomes students from partner institutions to enjoy a part of their studies in Brno within the short-term study programme. It is designed for exchange students coming to study at FIT for a period of up to 12 months within some of the mobility programmes (Erasmus+, Visegrad Fund, etc.); their study stay is based on an agreement between universities or they can be accepted as a "free mover". Every year, the international student community at FIT hosts about 70 exchange students from over 10 European and non-European countries.

SUMMER SEMESTER – Bachelor’s study level

<table>
<thead>
<tr>
<th>Course unit code</th>
<th>Credits</th>
<th>Course unit title</th>
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<tbody>
<tr>
<td>IBTe1) 2)</td>
<td>13</td>
<td>Bachelor’s Thesis</td>
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<tr>
<td>IDSe</td>
<td>5</td>
<td>Database Systems</td>
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<tr>
<td>IMPe</td>
<td>6</td>
<td>Microprocessors and Embedded Systems</td>
</tr>
<tr>
<td>IPPe</td>
<td>5</td>
<td>Principles of Programming Languages</td>
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<td>IPZe</td>
<td>3</td>
<td>Peripheral Devices</td>
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<tr>
<td>IP1e1) 2)</td>
<td>5</td>
<td>Project Practice 1</td>
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<td>IP2e1) 2)</td>
<td>5</td>
<td>Project Practice 2</td>
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SUMMER SEMESTER – Master’s study level

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<thead>
<tr>
<th>Course unit code</th>
<th>Credits</th>
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<tr>
<td>DFAa</td>
<td>5</td>
<td>Digital Forensics</td>
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<tr>
<td>DPa</td>
<td>13</td>
<td>Master’s Thesis</td>
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<td>DPa1) 2) 13</td>
<td>13</td>
<td>Master’s Thesis</td>
</tr>
<tr>
<td>MLKe</td>
<td>5</td>
<td>Multimedia</td>
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<tr>
<td>PDSe</td>
<td>5</td>
<td>Data Communications, Computer Networks and Protocols</td>
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<tr>
<td>PPpe1) 5</td>
<td></td>
<td>Project Practice 1</td>
</tr>
<tr>
<td>SLOa</td>
<td>5</td>
<td>Complexity</td>
</tr>
<tr>
<td>TINa</td>
<td>5</td>
<td>Theoretical Computer Science</td>
</tr>
<tr>
<td>UXa</td>
<td>5</td>
<td>User Experience and Design of User Interfaces and Services</td>
</tr>
<tr>
<td>VSeEe</td>
<td>5</td>
<td>Computational Geometry</td>
</tr>
<tr>
<td>VIza</td>
<td>5</td>
<td>Visualization and CAD</td>
</tr>
<tr>
<td>VNVe</td>
<td>5</td>
<td>High Performance Computations</td>
</tr>
<tr>
<td>ZPOe</td>
<td>5</td>
<td>Image Processing</td>
</tr>
<tr>
<td>ZRee</td>
<td>5</td>
<td>Speech Signal Processing</td>
</tr>
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2 Bachelor’s or Master’s Thesis is a 13-credit course in the summer semester and it follows up a Term project (thesis) in the winter semester, which is a compulsory prerequisite.

COURSES GIVEN
in English offered to short-term students

Plan for the ac. year
I want to become an exchange student at FIT!
For more information look at www.fit.vutbr.cz/admissions/short.php.en

1. Ask your mobility coordinator to nominate you
   – by 31 May for winter semester or full year
   – by 15 November for summer semester

The nomination is to be done by sending an e-mail including name of the student, e-mail and the required period of study in Brno to studena@fit.vutbr.cz.

2. Complete the e-application
   – by 31 May for winter semester or full year
   – by 15 November for summer semester

The application is available on: www.vutbr.cz/eprihlaska/en and it is open for winter 31.3. – 31.5. and for summer 15.9. – 15.11.

3. Deliver all the required documents
   – by 15 June for winter semester or full year
   – by 30 November for summer semester

Once the learning agreement is approved the students are supposed to print the E-application protocol and the Learning Agreement from their E-application, sign the forms and have them signed and stamped by the institutional representative. Finally they have to send them, together with other application materials mentioned below, to studena@fit.vutbr.cz.

The required application materials:
- Application form (E-application protocol)
- Learning Agreement (printed from the BUT e-application)
- Passport photo in the format SURNAME_Name.jpg
- Transcript of records

The FIT BUT does not require hard copies of these documents, however, if your institution does, send us please the originals to sign by post to the address:
FIT BUT
External Relations Office, room F120
Božetěchova 2
612 69 Brno
Czech Republic

4. Arrange for your accommodation
   – from April 25

Students who are not able to commute can apply for accommodation in BUT dormitories. The on-line Request for Accommodation is available on www.kam.vutbr.cz/english and for the following academic year it is open starting from 25 April. Students who have to apply for visa are strongly recommended to arrange for their accommodation well in advance as the confirmation on accommodation forms an integral part of their visa application procedure.

More information about BUT dormitories is available on:
- www.foreigners.cz
- www.flat-rent-brno.cz
- www.forstudents.cz
- jacobbrno.cz/en
- www.facebook.com/groups/271595216265053
- www.youngspace.cz/en
ESN VUT Brno
International Exchange Erasmus Student Network

ESN is a student organization, which provides incoming students with help and advice concerning everyday matters and problems you may deal with before, during and after their arrival in Brno.

It tries to make the study stay enjoyable by organizing various trips, excursions and free time activities and parties of all kinds.
UNIVERSITY Life Spaces

Pod Palackého vrchem Campus

The main center of students life: no one calls it other than "Palačák". Here you can find four faculties, refectories, cafes, students club, sports grounds and also the largest dormitories. So put your slippers on and hurry to the lecture!

Wide range of dining services with modern catering system

Almost olympic sports grounds

All students of BUT can sign in to two sports lessons per week for free. And there is plenty to choose from: athletic stadium with olympic parameters, modern gyms, tennis courts, climbing wall, fitness – and even our own shipyard at the Svratka river.
The Czech Republic is the 6th safest country in the planet, world newspapers such as New York Times put Brno into the list of top places to live and according to recent well-known rankings of best student cities of the world by QS, Brno is in top five!

Brno has developed into a dynamic knowledge hub and innovation centre in Central Europe in recent years. It gives you a unique chance to cooperate with local world-class institutions, teams as well as companies and get a great experience.

Also the location of the city is very strategic, especially if you are a keen traveller. You can reach four different capitals (Prague, Vienna, Bratislava, Budapest) within max. 3 hours by car as well as get to/from Brno easily by coach, train or plane. Or you can just explore the Czech Republic – mountains, forests, lakes, historical sites or vineyards are close enough.

Find out more about Brno:

www.gotobrno.cz/en/
Visa – students from outside the EU/EFTA countries

Obtaining a visa is the most important thing when preparing for your stay if you do not come from an EU/EFTA country. To be able to apply for the visa, you will need supporting documents, some of which will be sent to you by BUT. The application procedure and visa requirements are defined by the regulations of the Czech embassy in your home country.

By train

Brno is an important rail junction of several major train routes connecting Eastern and Western Europe and many EuroCity trains pass through. The train connections can be found at www.idos.cz.

By car/bus

Brno can be reached via motorways heading from Prague (210 km), from Bratislava (130 km) or from Vienna (135 km). There are several bus service operators on these routes. Some of the buses depart directly from the airports (see above). The connections can be found at www.idos.cz or the web pages of a particular transportation company.

Climate and weather

The Czech Republic is a landlocked country with a mild climate. There are four seasons including relatively hot summers (approx. 24 °C), cold and snowy winters (around −4 °C) and moderate springs and autumns with prevailing rains. The temperatures vary according to the region, with Brno and the South Moravian Region being the warmest part of the country.

Currency and Cost of Living

The Czech crown (in Czech “koruna”), abbreviated as Kč (CZK) is the official currency of the Czech Republic. The crown is formally divided into hellers (haléř), which are no longer in use. They are shown in prices and rounded off to the nearest crown. The approximate conversion rate is 100 CZK / 3,70 EUR or 27 CZK / 1 EUR. Used coins are 1 Kč, 2 Kč, 5 Kč, 20 Kč and 50 Kč; used banknotes are 100 Kč, 200 Kč, 500 Kč, 1 000 Kč, 2 000 Kč and 5 000 Kč.

Although the Euro is occasionally accepted by some restaurants, hotels and shops, the Czech crown is generally the only currency that can be used. Most supermarkets, shops, restaurants and institutions accept payment cards. There are many cash machines located especially in the city centre and in the campus.
LINKS & CONTACT for Incoming Students

FACULTY OF INFORMATION TECHNOLOGY

Address
Božetěchova st no. 2, 612 66 Brno
Czech Republic
+420 541 141 144
www.facebook.com/RT.VUT/
www.fit.vutbr.cz

Contact for Incoming students
Michaela Studená
External Relations Office
studena@fit.vutbr.cz
+420 541 141 265
www.fit.vutbr.cz/~studena/.en

Short-term Study
E-APP

08
You’re going to have the best time of your life

I had the amazing opportunity of coming to Brno University of Technology as a student intern at the Faculty of Information Technology. If I had to describe it in a few words, I would call it the most memorable journey of my life. Living in a country where the language is unknown to you and where people belong to a different culture altogether could be a difficult task, one could think. However, with such hospitable and friendly people around, and an amazing International Students Club, life can’t get any better. The amazing trips, events and parties organized by the ISC, the friendly faculty and staff in all the departments, and the friendly accommodation – when all combined, make up a fantastic experience. When you get to meet and interact with people from all over the world just staying in one place, your perspective about a lot of things changes. To anyone coming here for a semester or year, I assure you that you’re going to have the best time of your life here.

Sajal Sehgal, India

I extended my one semester into two

I really liked taking my exchange at FIT in Brno. Brno is a beautiful old city with lot of IT culture and companies. Brno is also a student city so there is always something happening here. On my Erasmus I have met a lot of other IT students from around the world and learned a lot from them. The International Student club at VUT is also doing a really good job and helped making my stay really enjoyable. I liked my stay so much in Brno that I ended up extending my one semester into two.

Pála Ögn Stefánsdóttir, Iceland

I feel like I’m home here

FIT BUT is an absolute masterclass. They put in a lot of effort to provide you with the best possible education. Brno is a city with great attitude. Everyday I walk around the city, I feel like I’m home.

Kesküla Kullar, Estonia

TESTIMONIALS
Be the part of one of the leading European institutions

It is our pleasure that you have chosen the Faculty of Information Technology (FIT) of Brno University of Technology (BUT) as your study abroad destination.

CONTACT

FIT BUT
Božetěchova st no. 2, 612 66 Brno
Czech Republic
+420 541 141 144