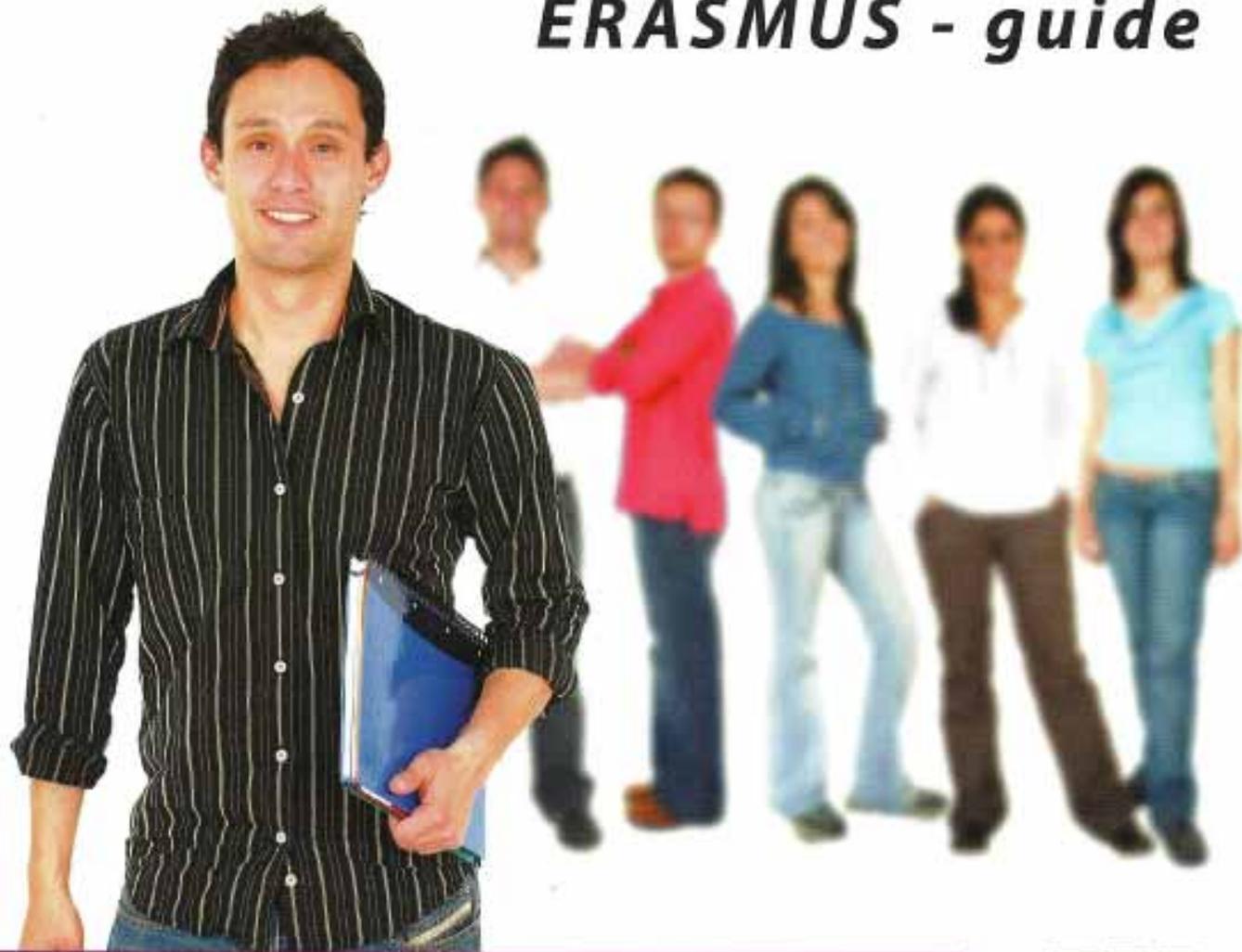

ERASMUS - guide



TECHNICAL UNIVERSITY OF LIBEREC
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COUNTRY PROFILE



The Czech Republic is situated in the heart of Central Europe, 326 km from the Baltic and 322 km from the Adriatic sea. It borders on Germany, Poland, Austria and Slovakia.

Geography

The total area of 78,886 km² is comparable to that of Austria or Ireland and comprises 2% of the area of the European Union.

The Czech Republic does not have access to the sea, but its rivers Labe (Elbe, 358,3 km), Vltava (433 km), Morava (284), Dyje (Thaya, 306 km), and Odra (Oder, 136 km) flow into the North Sea, the Baltic and the Black Sea.

Mountain ranges surround the country on almost all sides and have served as a natural border in the past. The Bohemian Massif is the easternmost extension of the Hercynian Platform. It includes the mountain ranges of Šumava, Český les, Krušné hory, Jizerské hory (Jizera Mountains), Krkonoše, Orlické hory and Jeseníky. The Beskydy Mountains lie in the eastern part of the country.

The highest point of elevation is the peak of Mt. Sněžka (1602 m above sea level) and the lowest point is near Hřensko where the River Labe (Elbe) leaves the Czech territory (117 m above sea level).

Climate

The Czech Republic, a landlocked country, has a moderate climate with four seasons corresponding to the temperate climate zone. This is characterized by cool summers and cold, cloudy and wet winters. The climate varies markedly among the various regions of the Czech Republic, and throughout year.

The average temperature in January, the coldest winter month, is -5°C . Summer weather is usually very warm, with temperatures around $+23^{\circ}\text{C}$ in July.

A good time of the year to visit the Czech Republic is in spring (mid-May to mid-June) and autumn (September to mid-October) when the weather can be very pleasant, but it is also unpredictable. The best chance of enjoying warm and dry summer weather is from mid-July to mid-August.

Time

GMT +1, as in Western Europe. Daylight Saving starts on the last Sunday in March and ends on the last Sunday in October.



Nature

The Czech lands including its forests and mountains have been inhabited and cultivated since ancient times. Despite this long period of human influence on the landscape, there are still many beautiful and unspoilt places, unique for their scenery and land formations. In these areas, animals roam freely, including the wildcat, the lynx, and birds such as the great bustard and the grouse have their home.

COUNTRY PROFILE

Population

The total population is 10.4 million.

Occupation:

Services 56.2 %. Industry 40 %. Agriculture 3.8 %.

Age structure:

0 - 14 years 16 %. 15 - 64 years 70 %. 65+ years 14 %.

Largest cities:

Praha (Prague, the capital), Brno, Ostrava, Plzeň (Pilsen), Liberec, Olomouc, Hradec Králové

Religious Affiliation

Roman Catholic 26,8 %, Protestant 2,1 %, atheists 59 %, other 3,3 %

Culture

Many cultural events take place in the Czech Republic, such as music and movie festivals, concerts, theatrical performances, art exhibitions.

Language

Official language - Czech

The Czech language belongs to the group of Slavic languages. It is an inflectional language, which means that the endings of words change. The meaning which a particular word has in a sentence is primarily determined by its ending.



History

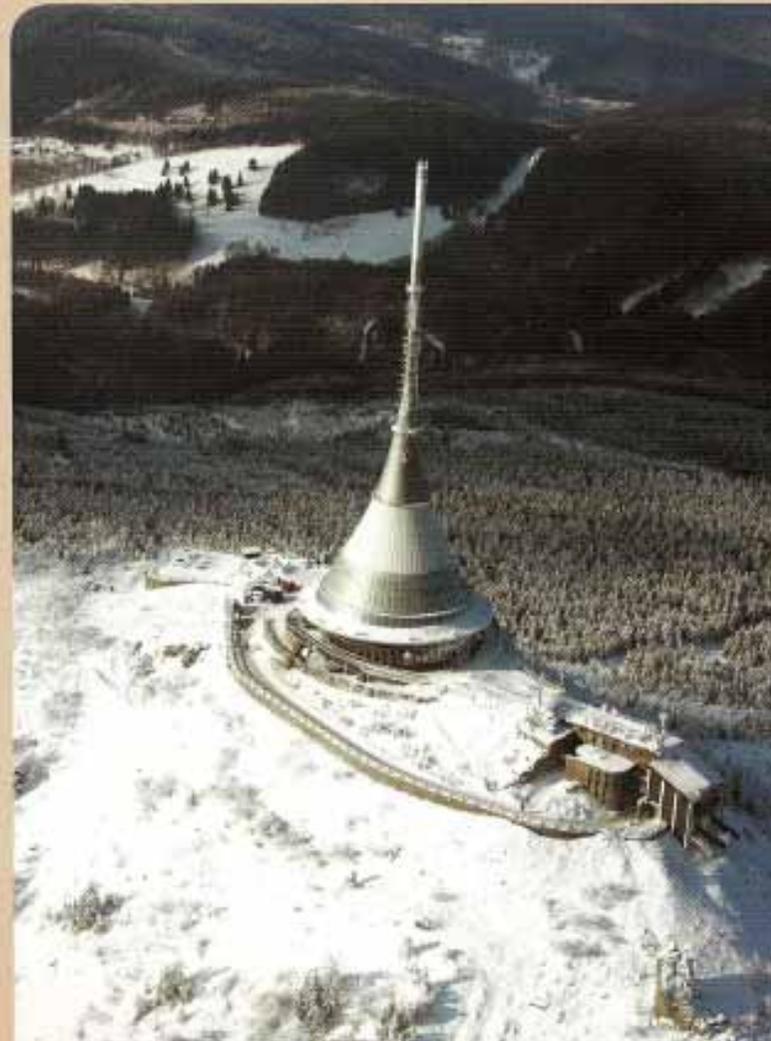
The first known inhabitants of the region which is now called the Czech Republic, were Celtic tribes. Since the 5th century AD Slavonic tribes have inhabited the territory. The first Slavonic state was Samo's Empire founded in 623 AD. In later centuries Czechs became dominant throughout central Bohemia. In the second half of the 9th century the first Bohemian kingdom developed under the rule of the Přemyslid dynasty and lasted for more than two centuries. After the Premyslid dynasty died by the sword in 1306, the Czech throne passed to the Luxembourgs. Charles IV became king in 1346 and Holy Roman emperor in 1355. He turned Prague into one of the largest European centres of education, architecture and arts of his era. In 1348 Charles University - the oldest in Central Europe - was founded in Prague.

A religious reform movement led by the Czech priest and scholar Jan Hus (John Huss) marked the life in Bohemia in the 15th century. His death at the stake in Constance, Germany, in 1415 began the so called Hussite Movement - a struggle for political and religious rights, which later resulted in the establishment of an independent Protestant church. After a period of the rule by the Jagiellonian dynasty, the Austrian Habsburgs, who were Roman Catholics, seized the throne in 1526. They tried to oppress the Czech nation in favour of the Germans and the Roman Catholic Church, but were unsuccessful until the defeat of the Bohemians in the Battle of White Mountain in 1620. There followed severe reprisals against non-Catholics. Bohemia lost its rights within the empire, and the nation was Germanized and re-Catholicized. Czech cultural and political life declined for more than two centuries. It was not until the 19th century that new enthusiasm and hope for the Czech people emerged. Czech nationalism flourished and political parties began to develop. When World War I ended in 1918, the independent Republic of Czechoslovakia was founded in that same year as a federative state comprising the Czech Republic and the Slovak Republic. This state ceased existing as a result of the German occupation during World War II (1939 - 1945) but re-appeared after the war. After 1948 the Communist Party, directed by the Soviet Union, ruled the country. After the collapse of Communist rule in 1989 - 90, further development led to the division of the Republic. Since 1st January 1993, there have been two separate states - the Czech Republic and the Slovak Republic.

LIBEREC

About the Town

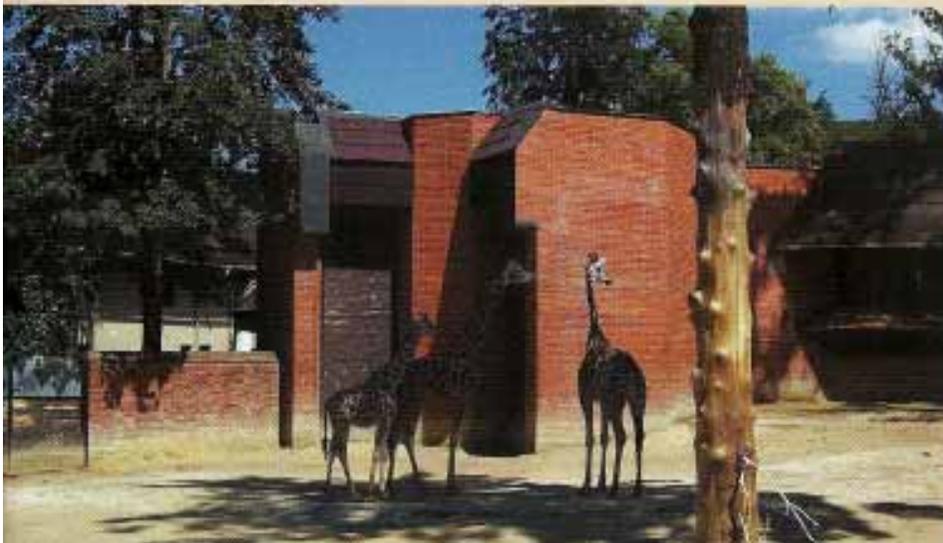
Liberec - the fifth largest town in the Czech Republic with more than 100,000 inhabitants - is situated in the north of Bohemia and is surrounded by mountains. The mountain known as Ještěd (1012 m above sea level) is a dominant feature on the landscape. On the peak of Ještěd, which is accessible by cablecar, there is a hotel, a restaurant and a broadcasting tower. In 1969 Karel Hubáček, a former professor at the Faculty of Architecture at the Technical University of Liberec, was awarded The Perret Prize of the International Union of Architects for designing this unique building. In clear weather there is a splendid view of Liberec and its surroundings from the top of Ještěd. On the slopes of Ještěd there are ski lifts for downhill skiers and ski jumps, where the World Cup competition is held annually.



The Jizera Mountains on the other side of the town, with many kilometres of marked trails, are a paradise for cross-country skiers. Many of them take part in the most popular international race – known as the *Jizerská 50*, which has a thirty-year tradition.



Not only the surroundings of the town, but its centre is well worth seeing too. Liberec can be proud of having the oldest zoo in Bohemia, which was founded in 1904. The recently reconstructed botanical gardens with its large collection of orchids attract thousands of visitors every year. Some of the other places of interest are the Regional Art Gallery, the North-Bohemian Museum, the Town Hall dating from 1893 with its Viennese style of architecture, three theatres with a wide range of stage performances, cinemas, discotheques, concert halls, clubs, restaurants with good food and drinks and two swimming-pools. Liberec has much to offer its visitors, catering for all tastes.



TRANSPORT

How to Get to Liberec

Liberec is easily accessible from Prague by train and motorway. The distance is approximately 110 kms. For students who are not travelling by car, there are two options for getting from Prague to Liberec. If you arrive in Prague (*Ruzyně* airport), you need to make your way to Prague bus station (at *Černý Most*). To do this, proceed as follows:

- 1. Buy a 20 CZK ticket at the tobacconist (*trafika*) in the airport. You can also buy a ticket on the bus from the bus driver which will cost a little more. If you have any problems buying a ticket, ask for help at the airport information office.
- 2. Take bus No. 500 or No. 119. The bus stop is located in front of the airport building.
- 3. Once on the bus, validate your ticket by stamping it in the ticket machine. The ticket should be inserted in the direction shown by the arrow. The ticket is now valid and transferable to the Metro (underground). You will probably need to buy two tickets for the metro in case the first one expires (There is a travel time limit).
- 4. On week days, this ticket is valid for 75 minutes any time between 5.00 a.m. and 8:00 p.m. Otherwise it is valid for 90 minutes on Saturday or Sunday and during the week before 5.00 a.m. and after 8.00 p.m.

Option 1 - bus No. 500

- 5. Get off the bus at *Zličín* (terminus) and go to the Metro (underground). This is indicated by the "M" sign. The metro has three lines: A, B and C.
- 6. To reach *Černý Most* you travel via the B line. It takes about 45 minutes.

Option 2 - bus No. 119

- 5. Get off the bus at the terminus *Dejvická* [pronounced De-vitz-ka] and go to the metro.
- 6. Take the metro (underground, the A line) to *Můstek*. Change to the B line so that you reach the final station *Černý most*.
- 7. There is a bus stop for Liberec at *Černý most*. When you leave the underground train go to the stairs to your right. Go down these stairs, which will take you to the bus stops which are at a lower level than the underground. Find bus stop No. 7. This is where your coach leaves for Liberec.
- 8. You can either buy a ticket at the ticket counter called *Předprodej jízdenek* or on the bus - if there is still a free seat. [Liberec is pronounced Li-be-rets]. The price of the ticket is about 80 CZK.



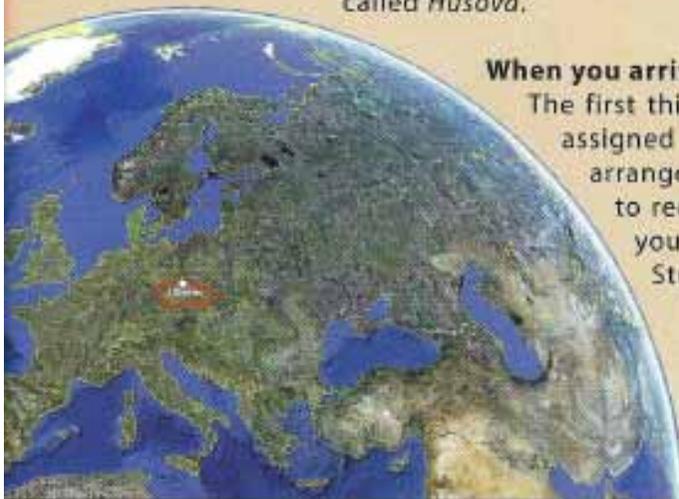
Please note:

Your ticket must be valid at all times. If it expires, buy a new one and validate it by stamping it in the small orange machine, when you enter the paid underground zone. Coach tickets can be bought on the bus. Please note that during the rush hour coaches are often full. Seating capacity is limited, which means that travellers may not be able to board the coach. All luggage exceeding 20 x 30 x 60 cm in size has to be stored in the hold of the coach and reported to the driver when you get on the coach. (The word for luggage is *kufr*).

The coach journey takes about 60 minutes. Coaches leave every 1-3 hours between 7.00 a.m. to 10.00 p.m. Before travelling, check the coach departure times at <http://timetable.svt.cz/iBus/index.php>. From Liberec coach station you can get to the Technical University of Liberec buildings by taking city bus number 15 or bus 19. To get to the Residence Halls, get off at the bus stop called *Pfěhrada*. To reach the main university buildings in Husová Avenue, get off the bus at the stop called *Husová*.

When you arrive in Liberec

The first thing you will probably do, is to go to the residence assigned to you. Contact your Faculty Coordinator and arrange a meeting to discuss your study programme and to receive all the necessary documentation required for you to obtain a student transport pass, access to the Student Dining Hall, the University Library, etc.



TECHNICAL UNIVERSITY OF LIBEREC - BRIEF HISTORY

Brief History

The history of the Technical University of Liberec goes back to 1953 when the Technical College of Mechanical Engineering was established. Founding a university was a logical outcome of the long-term economic and cultural development of the region, where there has been a long tradition of textile and textile machinery production. From the very outset, the Technical College offered academic programmes in such fields as Mechanical Technology, Design and Construction of Textiles, Glass and Ceramics Machinery. The first Halls of Residence and University Refectory were constructed between 1955 and 1960. In 1960, the College was divided into two faculties: the Faculty of Mechanical Engineering and the Faculty of Textile Engineering. Between 1990 and 1995, another four faculties were founded: the Faculty of Education (1990), the Faculty of Economics (1992), the Faculty of Architecture (1994), the Faculty of Mechatronics and Interdisciplinary Engineering Studies (1995) and the Institute of Health Studies (2004).

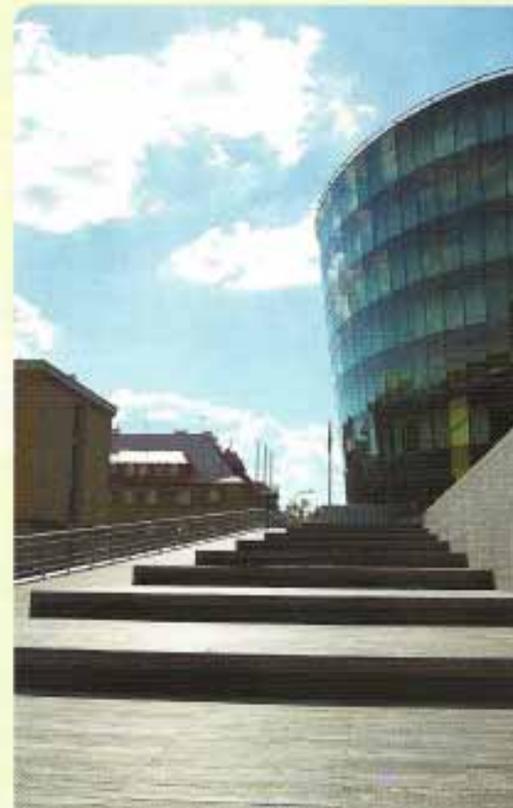
Today, the University has an enrolment of more than 9.700 full-time students in six faculties and one institute:

- Faculty of Mechanical Engineering
- Faculty of Textile Engineering
- Faculty of Science, Humanities and Education
- Faculty of Economics
- Faculty of Arts and Architecture
- Faculty of Mechatronics, Informatics and Interdisciplinary Studies
- Institute of Health Studies

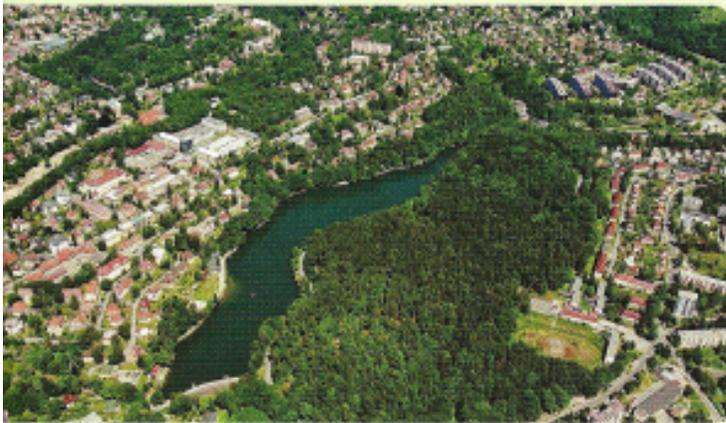
A wide range of academic programmes is offered at all levels, leading to the following degrees:

- Bachelor of Arts
- Bachelor of Science
- Master of Arts
- Master of Science
- Doctor of Philosophy

For more information see <http://www.tul.cz>



INFORMATION ON THE INSTITUTION - BUILDINGS



Technical University of Liberec
Studentská 2
461 17 Liberec
Czech Republic

Telephone +420 485 351 111
fax +420 485 105 882
www.tul.cz
rektor@tul.cz

A Hálkova Street

B,C,D Čížkova Street

E Studentská Street

F Husova Street

H Voroněžská Street

IC Studentská Street

K Street 1. máje

M Street 17. listopadu

P Komenského Street

S Sokolská Street

1 TOWN HALL

2 THEATRE (FX.SALDA)

3 MUSEUM

4 OLD BATH

5 LIBRARY LIBEREC

6 CIVIC CENTRE

L Building construction
completion 2011

MHD PUBLIC TRANSPORT

1 2 3 TRAM STATION
15 19 29 BUS STATION

AB
CD
EF HARCOV
Accommodation



ACADEMIC CALENDAR

WINTER SEMESTER (14 WEEKS OF LECTURES)

LECTURE-FREE PERIOD - CHRISTMAS HOLIDAYS

EXAMINATION PERIOD (5 weeks)

30.09.2013 - 10.01.2014

23.12.2013 – 31.12.2013

13.01.2014 – 14.02.2014

SUMMER SEMESTER (14 WEEKS OF LECTURES)

EXAMINATION PERIOD (5 WEEKS)

NON-LECTURE PERIOD - SUMMER HOLIDAYS

17.02.2014 – 23.05.2014

26.05.2014 – 27.06.2014

30.06.2014 – 29.08.2014

ACADEMIC AUTHORITIES

STUDENTSKÁ 2, 461 17 LIBEREC

BUILDING 



RECTOR

Prof. Dr. Ing. Zdeněk KŮS
Tel.: +420 485 353 597
Fax: +420 485 105 882
E-mail: rektor@tul.cz

BURSAR

Ing. Vladimír STACH

Tel.: +420 485 353 598, +420 485 105 617

Fax: +420 485 105 882

E-mail: kvestor@tul.cz

VICE-RECTORS

+420 485353656	doc. PhDr. Soňa Jandová, Ph.D.
+420 485353157	prof. Ing. Jiří Kraft, CSc.
+420 485353052	doc. Dr. Ing. Pavel Němeček
+420 485353106	prof. Ing. Ondřej Novák, CSc.

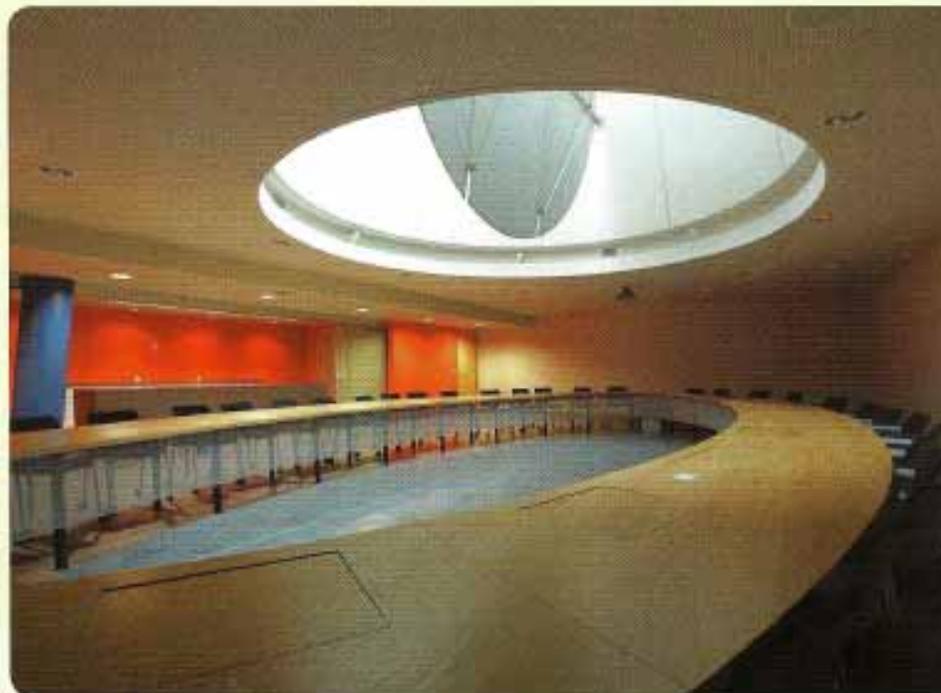
FACULTY COORDINATORS ERASMUS

FS	Mechanical Engineering Ing. Marcela Válková +420 485 353 591 marcela.valkova@tul.cz
FT	Textile Engineering Dr. Ing. Pavla Těšínová +420 485 353 734 pavla.tesinova@tul.cz
FE	Economics Ing. Jaroslav Demel +420 485 352 203 jaroslav.demel@tul.cz Ing. Marie Hlavatá +420 485 352 418 marie.hlavata@tul.cz
FP	Education Mgr. Daniela Bímová, Ph.D. +420 485 352 308 daniela.bimova@tul.cz
FM	Mechatronics Prof. Ing. Jaroslav Nosek, Csc. +420 485 353 249 jaroslav.nosek@tul.cz
FUA	Fine Arts and Architecture Ing. arch. MgA. Petr Šmídek +420 736 101 387 psmidek@post.cz
UZS	Institute of Health Studies Bc. Kateřina Švejdová +420 485 353 725 katerina.svejdova@tul.cz

Erasmus Institutional Coordinator:

Ing. arch. Randa Tomehová
+420 485 353 541
randa.tomehova@tul.cz

TUL - Studentská 2
461 17 Liberec 1
Czech Republic.

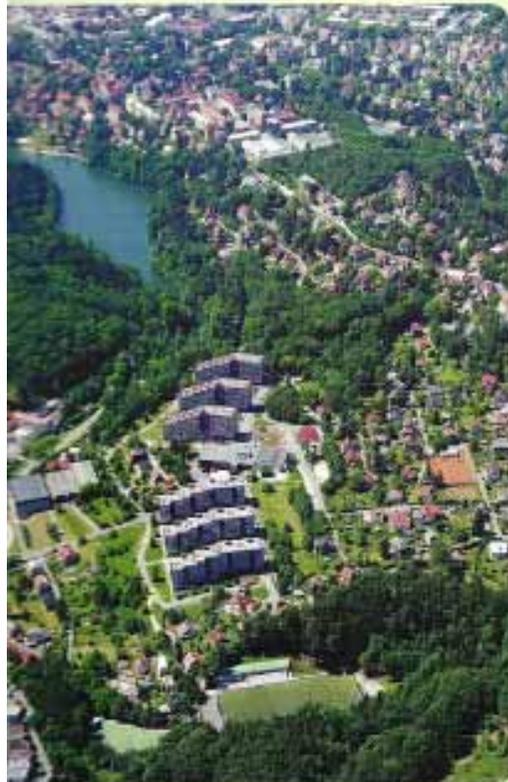


ACCOMMODATION

The Technical University of Liberec can accommodate more than 3,500 students in the University Halls of Residence in the Harcov and Vesec town districts. The rooms are fully equipped and furnished as study bedrooms. Most students live in the Harcov Residence Halls, in units of two or three double-rooms with shared facilities in each unit. In the Vesec Residence Hall, there are rooms with three to eight beds with shared facilities on each floor. Students have high-speed internet connection at their disposal in each room. This is included in the accommodation cost. The accommodation costs approx. 2,400 CZK per month (approx. 100 EUR)

Erasmus Students

International students can apply for accommodation within the Technical University of Liberec at the Hall of Residence, either through the Students Affairs Office or the International Relations Office at individual faculties. Accommodation can only be guaranteed if students apply in advance.



- **Address :**
Koleje a Menzy TU v Liberci
17. listopadu 584
460 15 Liberec 15
Czech Republic

- **Contact :**
Accommodation Office Manager
Koleje a Menzy TU v Liberci
15. listopadu 584
460 15 Liberec 15
Czech Republic



Ing. Veronika Dvořáková

A deposit of 3,000 CZK is collected from international students when checking at the dormitory (in cash directly at the respective dormitory or at the Accommodation Service).

Students also have the possibility to arrange accommodation for themselves. There are numerous flats and studio flats available for rent within walking distance of the University

MEALS

Liberec has a wide range of restaurants and snack bars. Lunch is served from about 11 a.m. A typical set meal (called *menu*) usually consists of a soup and a main course. The Technical University of Liberec also provides quality meals for its students and employees within its premises. Meals are ordered through the internet directly from the catering facility itself. The daily menu offers a choice of six different meals, including one vegetarian meal. In the evenings and at weekends, there is a choice of two different set meals.

The cost varies depending on the price of the ingredients from which the meals are prepared. Most meals cost from 20-36 CZK .

One set meal is always without soup as a first course. The other meals include soup, a main course and tea. At lunchtime, there is an additional choice of salads. There is also the option of choosing from a menu of "quick" meals, known as *minutky*, without preliminary ordering, but these are more expensive.

Students usually eat at the Dining Hall (in Czech, *menza*), where the food is cheaper than in restaurants.

Opening hours of the Dining Hall *menza*

Lunch Monday to Thursday	11.00 AM – 2.30 PM
Friday	11.00 AM – 2.00 PM
Saturday and Sunday	11.30 AM – 1.30 PM
Dinner Monday to Thursday	5.00 PM – 8.30 PM
Friday	5.00 PM – 6.30 PM

The third option is for students to do their own cooking, which most students who live in the Hall of Residence, in fact, do.

- **Address :** Koleje a Menzy TU v Liberci
17. listopadu 584
460 15 Liberec 15
- **Contact :** Dana Špačková
Tel : 48 535 5291
E-mail : menza@tul.cz



COST OF LIVING

Czech students usually have approximately 6,000 CZK (Czech crowns) to spend on rent, food and entertainment. To help you to plan your budget at our Technical University of Liberec, below is a list of some goods and services.

Please note: the costs given below are for orientation only and may be subject to change.

1 EUR = approx. 25 CZK

1 USD = approx. 17 CZK

loaf of bread	chleba	20-26 CZK /kg
butter	máslo	28 CZK/250 g
sugar	cukr	20 CZK/kg
coffee	káva	80 CZK/500 g
tea	čaj	30 CZK/100 g
cheese	sýr	160 CZK/kg
yogurt	jogurt	15 CZK/0,5 l
eggs	vejce	24 CZK/10 pcs
milk	mléko	15 CZK/l
cornflakes	cereálie	40 CZK/750 g
spaghetti	špagety	20 CZK/500 g
potatoes	brambory	10-15 CZK/kg
ham	šunka	170 CZK/kg
chicken breast	kuřecí prsa	125 CZK/kg
apple	jablka	12-30 CZK/kg
oranges	pomeranče	30 CZK/kg
pineapple	ananas	30 CZK/kg
bananas	banány	30 CZK/kg
food	jídlo	3 500 CZK/month
accommodation	ubytování-koleje approx.	3,000 CZK/month
public transport	místní doprava	16 CZK
cinema	kino	100-150 CZK
ice-hockey match	hokejový zápas	75 - 100 CZK
concert - theatre	koncert-divadlo	150-300 CZK
disco	disko	100 CZK
beer	pivo	25-30 CZK/0,5 l
books	knihy	180 - 800 CZK



MEDICAL SERVICE

EU legal regulations, concerning the medical care for students involved in one or more mobility programmes, stipulate that incoming students have free access to any required health care during their study/research periods in the Czech Republic. In Liberec, international students can visit the health centre of the University in the University buildings.

GENERAL PRACTICIONER

MUDr. Dagmar Švorcová
Phone : +420 48 5353163

DENTIST

MUDr. Helena Dašková
Phone : +420 48 5353261

Students can take advantage of other facilities within the university upon their doctor's recommendation: sauna, physiotherapy and laboratory of sports motorics. Students are advised to ask a fellow student or mentor for assistance when going to visit the doctor for the first time.



In an emergency, students should visit Liberec Hospital :
Husova 357/10
Liberec
Phone number : +420 485 311 111
In case of emergency, call 155 or 112 (communication in English or German)

STUDENTS WITH SPECIAL NEEDS

The Technical University of Liberec has been making great progress to improve the accessibility of its premises by installing new lifts, barrier-free access, etc.

Assistants are on hand to help disabled students. University accommodation for disabled students is accessible by lifts.

The Technical University of Liberec uses up-to-date IT technologies to help people with impaired hearing and vision. There is a special study room with a PC, equipped with software for these students. Students with special needs have all the necessary study materials prepared using special media (audio recordings, written materials) available in a digital library.

At the Technical University of Liberec the Academic Advice Bureau *Akademická poradna a centrum podpory* helps all students with special needs and facilitates their study. Students also have the opportunity to borrow equipment such as scanners, carriages, scooters, magnifying glasses, depending on the individual needs of the student.

HEALTH INSURANCE

After their arrival in the Czech Republic, international students must be examined by a Czech doctor to prove their ability to study in the Czech Republic. All international students are required to have health insurance either with an insurance company in their home country or with a General Health Insurance Company in the Czech Republic (at a cost of approx. USD 30 per month). This insurance covers all standard treatment.

It is strongly recommended that international students arrange for health insurance coverage in their home country for the period of their studies in the Czech Republic before their arrival in the Czech Republic. Students from non-EU countries should have supplementary travel health insurance (THI).

It is essential to have a European health insurance card, which simplifies access to the health system of the country visited. In rare cases, patients may be requested by the doctor to pay for the treatment which will then be reimbursed by their home insurance.

LEARNING FACILITIES

LIBRARY

<http://knihovna.tul.cz/en>

The University Library *Univerzitní knihovna UKN* is a special institution within the Technical University in Liberec. It enables students to access its collections by loan, copying, electronic document delivery, bibliographic, information and publication services. Its services are used by university academic staff, lecturers, teachers, students, and researchers, as well as by all interested members of the public.

Copy Centre
Printing and Publishing Centre
Computer Labs



SPORT FACILITIES

The University Sports Centre located at Department of Physical Education at the Faculty of Education, Technical University of Liberec offers sport programmes in 7 different sport areas for the general public. Groups or individual applicants can use one of the following facilities, upon certain conditions.

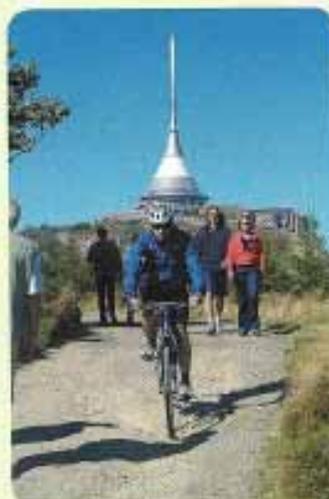
There are two swimming pools in Liberec with fitness and wellness centres.

Plavecký bazén Liberec

Tržní náměstí 1338
Liberec 1
Tel. : 48 510 3010

Aquapark Babylon

Nitranská 1
Liberec 3
Tel. : 48 52 51 311



Golf in the Liberec region

Golfový areál Světlá p. Ještědem

Rozstání 5
Tel. : 485 163 499, 485 163 478

GOLFCENTRUM

Masarykova 1320/16
Liberec 1
Tel. : 485 104 824

YPSILON GOLF Liberec a.s.

Mníšek-Fojtka 17
Tel. : 485 100 872, 4852 317 303

Skate Park

U-Rampa

Barviřská ul.
Liberec 1
Tel. : 485 253 333

Climbing

Ski simulator Jakub

Svojsíkova ul.
Liberec
Tel. : 485 243 146

Skating

Stadion

Jeronýmova 494/20
Liberec 7
Tel. : 482 772 414



VISA (DOCUMENTS)

A valid passport and a long-term visa are essential for all international students. They can apply for a student visa at the relevant Czech Embassy or Consulate in their home country. It is advisable to apply for the visa well in advance because the processing time is approximately nine weeks from the date of submitting the application form.

Documents Needed to Obtain a Visa.

Documents needed when applying for a stay longer than 90 days:

- letter of acceptance (supplied by the Technical University)
- financial statement to confirm that the student has sufficient funds for a study period in the Czech Republic
- confirmation of guaranteed accommodation in the Czech Republic
- three photographs
- student's health insurance
- student's birth certificate
- confirmation that the student does not have a criminal record in the home country. (This must be translated into Czech and notarized).
- application Form for a report from the Czech criminal record register confirming that the applicant has no criminal record in the Czech Republic (available at all Embassies or Consulates).

VERY IMPORTANT INFORMATION:

UP TO 3 DAYS AFTER ARRIVING IN LIBEREC, STUDENTS MUST GO TO FOREIGNERS' POLICE OFFICE IN LIBEREC *CIZINECKÁ POLICIE* TO OBTAIN THE STAMP OF REGISTRATION FOR THEIR STAY HERE.

Address: Foreign Police
Edward. Beneš Place No. 584/24
460 31 Liberec
3rd floor

Office Hours: Monday and Wednesday:
from 8.00 a.m. to 5.00 p.m.





The Faculty of Mechanical Engineering is the oldest faculty at the Technical University of Liberec. It has produced more than 8000 graduates since 1953, enjoying an excellent reputation among both Czech and foreign technical universities. The faculty offers Bachelor, Masters and Doctoral Study Programmes within eleven departments. Every year, about 500 applicants are accepted in the first academic year.

The Faculty of Mechanical Engineering TUL produces the most successful graduates on the labour market. Students in Liberec have remarkably good conditions in which to gain knowledge in contemporary mechanical engineering fields. They can use modern, well equipped laboratories. Every student in the faculty is supposed to, for example, go through the laboratories of robotics. There, they learn to work with robots and manipulators and also to utilize them virtually in manufacturing systems. Students can join science projects and, research as full members of university scientific teams at both national and international level. The faculty has a brilliant success record in fields like the development of textile and glass manufacturing machines, piston combustion engines, photovoltaic techniques, nano-surface engineering.

The Faculty of Mechanical Engineering TUL has a major advantage in being closely linked with practical experience. Students are members of faculty teams, who solve practical problems resulting from the actual needs of enterprises. Some companies offer the students of the mechanical engineering study branches a company scholarship, to ensure the enrolment of qualified employees. In their final thesis, students even solve particular problems within the enterprises.

The Faculty of Mechanical Engineering at the TUL pays great attention to its students with respect to their highly

demanding studies in mechanical engineering specializations. For instance, it awards successful and recently graduated students, an extra scholarship from its scholarship fund. Thus, it not only recognises demanding studies but seeks to increase the interest of students in technical studies. Industrial enterprises continually discuss the lack of technical university graduates, for whom, they are ready to offer prospective employment.

Department of Power Engineering Equipment
Department of Applied Cybernetics
Department of Engineering Mechanics
Department of Material Science
Department of Machining and Assembly
Department of Transport Machines
Department of Glass Producing Machines and Robotics
Department of Engineering Technology
Department of Machine Elements and Mechanisms
Department of Textile and Special-Purpose Machines
Department of Manufacturing Systems

ACCREDITED ACADEMIC PROGRAMMES

BACHELOR STUDIES *(three-year course)*

Engineering **(F, P)**

Study branches:

Machines and Equipment
Manufacturing Systems
Materials and Technologies

JOINT MASTER STUDIES *(three-year course)*

Mechanical Engineering **(F, P, E)**

Study branches:

Engineering Technology
Machines and Equipment Design
Manufacturing Systems

Automated Control Systems in Mechanical Engineering
 Applied Mechanics
 Innovation Engineering (two-year course)

DOCTORAL STUDY PROGRAMMES

Mechanical Engineering

(F, P, E)

Study branches:

Applied Mechanics
 Manufacturing Systems and Processes
 Material Engineering

Machines and Equipment

(F, P, E)

Study branch:

Machines and Equipment Design

Engineering Technology

(F, P, E)

Study branch:

Engineering Technology

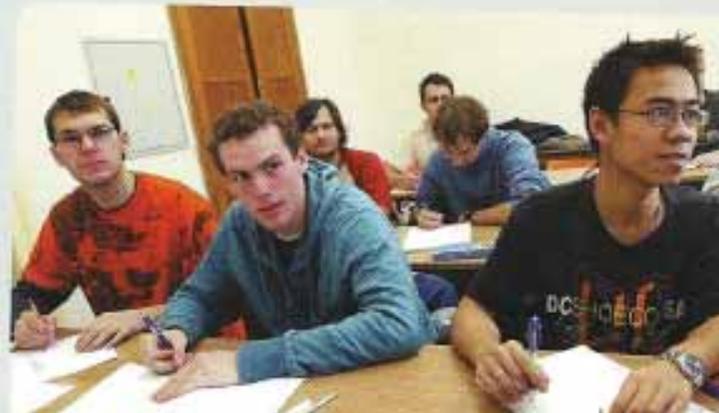
Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech



The Faculty of Textile Engineering at the Technical University of Liberec TUL provides education and academic research by means of development in close conjunction with the requirements of the modern textile industry. It is the only faculty of its type in the Czech Republic. The Slovak Republic has no such faculty, which is why Slovak students show great interest in studying in Liberec. Thanks to an intergovernmental agreement and help from the faculty, Slovak students have the same status at the university as their Czech fellow students.

The Faculty of Textile Engineering TUL educates professionals in prospective textile disciplines. It extends its offer to new specializations in which progressive technology is implemented, especially in the field of technical and smart textiles. These can be classified, for example as medical textiles, textiles for the automobile and aeronautical industries, for the building trade and agriculture, textiles for military and special applications, smart textiles. The latest developments in scientific research improve and extend the university course of studies. Students are also involved in scientific work. Apart from technical branches, the faculty offers special Bachelor Studies such as Clothing Production and Marketing. Textile Clothing Design study is oriented towards creative activity related to the search of non-traditional ways in the artistic processing of materials.

The Faculty of Textile TUL has established structured studies, divided into three-year Bachelor and two-year joint Master courses. The highest level of study is represented by the Doctoral Study Programme, which prepares creative science workers. All programmes are accredited in both full-time and part-time forms of study. They are accredited in the English language as well, which enables students to attend foreign universities, even outside Europe. The faculty supports individual activity besides study stays abroad.

The Faculty of Textile TUL also has an accredited study branch that is fully compatible with the European Union programme, in which students can participate. The faculty is represented in all groups of European technological platforms for textiles, which contributes to its high position, even at the international level.

The Faculty of Textile TUL closely collaborates with particular industrial enterprises, which markedly increases placement possibilities for its graduates. Czech companies are aware that their future lies, above all, in the domain of modern textiles; this is why they seek this type of cooperation.

- Department of Clothing Technology
- Department of Textile Materials
- Department of Design
- Department of Textile Technologies
- Department of Textile Chemistry
- Department of Technology and Management of Apparel Production
- Department of Textile Evaluation
- Department of Non-wovens

ACCREDITED ACADEMIC PROGRAMMES

BACHELOR STUDIES *(three-year course)*

Textile

Study branches:

- | | |
|-----------------------------------------------|--------|
| Textile and Clothing Design | (F) |
| Textile Marketing | |
| Clothing Production Technology and Management | |
| Chemical Textile Technology | |
| Mechanical Textile Technology | |
| Non-wovens, | (F, P) |
| Textile Material and Technology | (P, E) |

Textile

Study branches:

Chemical Textile Technology
 Mechanical Textile Technology
 Non-wovens
 Clothing Production Technology and Management
 Textile Marketing
 Textile Engineering
 Textile Materials and Testing

JOINT MASTER STUDIES**Textile Engineering**

Study branches:

Textile and Clothing Technology
 Textile Materials Engineering

Textile Engineering

Study branches:

Textile Engineering
 Textile and Clothing Technology
 Textile Materials Engineering

MASTER STUDIES**Textile Engineering**

Study branches:

Textile Technology
 Clothing Production Technology
 Textile Materials Engineering
 Chemical Textile Technology
 Non-wovens

DOCTORAL STUDY PROGRAMMES**Textile Engineering**

Study branches:

Textile Technology
 Textile Materials Engineering

(E) Textile Engineering

Study branch:

Textile Materials Engineering

(E)**(F, P, E)**

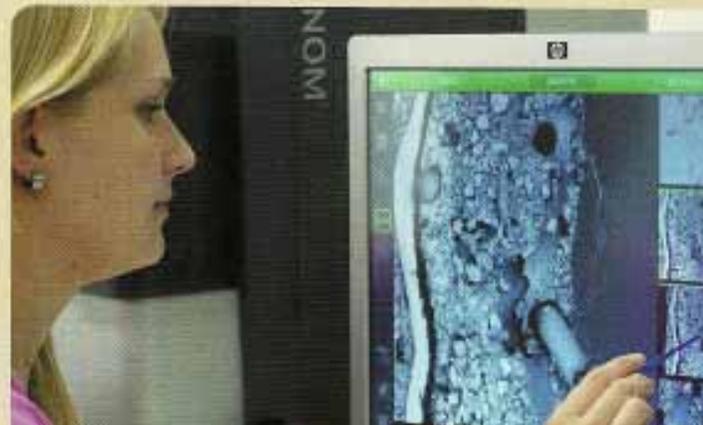
Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech

*(two-year course)***(F, P)****(E)****(F, E)****(F, P, E)***(two-year course)***(F, P)****(F, P, E)****(F, P)**



The Faculty of Science, Humanities and Education at the Technical University of Liberec has produced 1200 graduates for teaching professions within its 15 years of existence. It ranks among the most renowned faculties of education in the Czech Republic. It can be proud of attracting a constant interest in its study programmes among secondary schools students, as well as professionals wishing to gain further qualifications. It offers structured study programmes. It is accredited for the three-year Bachelor studies of non-master specializations as well as Master specializations for elementary, first and second stage, and secondary schools. Language teaching is at a high level of quality.

The Faculty of Education TUL holds to the philosophy of the various teaching professions. The credo of its leadership is that teaching is not only an employment but also a mission, requiring the whole personality of the teacher. Teachers should not only transmit knowledge but be an example for pupils, even in their way of life.

The Faculty of Education TUL produces graduates of quality with broad employment opportunities. The evidence of quality is shown by the fact that around 50% of the faculty graduates remain faithful to the teaching profession and 10% even teach in secondary schools. Graduates of the Bachelor Study Programme Special Pedagogy deal with problematic pre-school children and special education activities. Graduates of the study programme Social Work focus on disabled people and the elderly. Graduates of Bachelor Studies successfully assert themselves even outside the educational field, for example in public administration or institutions related to sports, especially leisure sports. This only confirms the quality and the multifaceted aspects of the undergraduate preparation. The faculty is expanding its offer of non-teacher programmes and also gives students the opportunity to join the popular part-time form of study.

The Faculty of Education TUL, especially its departments of natural sciences, physics, chemistry and applied mathematics, is engaged in scientific and research activities of the university and in research activities in enterprises. Students join scientific work by carrying out specific research and participating in professional and artistic activities. The best results are presented abroad. The faculty is also proud of its Department of Physical Education, where top sportsmen and women study.

- Department of Philosophy
- Department of Pedagogy and Psychology
- Department of Mathematics and Didactics of Mathematics
- Department of Chemistry
- Department of Physics
- Department of Applied Mathematics
- Department of Geography
- Department of Elementary Education
- Department of History
- Department of French Language
- Department of English Language
- Department of German Language
- Department of Czech Language and Literature
- Department of Social Studies and Special Pedagogy
- Department of Physical Education

ACCREDITED ACADEMIC PROGRAMMES

BACHELOR STUDIES *(three-year course)*

Pedagogy

Study Branch:

Pedagogy-Psychology (F)

Social Work (P)

Study Branches:

Social Work

Penitentiary Care

Education

Study Branch:

Leisure Time Education

Special Pedagogy

Study Branches:

Special Pedagogy for Pre-school Children

Special Pedagogy for Tutors

Economics and Management

Study Branch:

Sports Management

Historical Studies

Study Branch:

Cultural History and Museum Studies

Physical Education and Sport

Study Branch:

Teacher Training for Physical Education

Pedagogical Specialization

Study Branches:

Teacher Training for:

English Language; Czech Language and Literature; Physics

History; Humanities; Chemistry; Informatics; Mathematics;

JOINT MASTER STUDIES *(two-year course)*

Teacher Training for Elementary and Secondary Schools

Study Branch:

Teaching Certificate for the First Stage of Elementary Schools

Teaching Certificate for the Second Stage of Elementary Schools;

History; Physics; Chemistry; Informatics; Computer technology; Mathematics; Physical;

Education (F)

Teaching Certificate for Secondary Schools:

Physics; Informatics; Computer Technology; Mathematics

Teaching Certificate in Civics for Elementary and Secondary Schools

Basic Social Sciences

Physical Engineering (P)

MASTER STUDIES *(four-year course)*

Elementary School Teacher Education

Study Branch:

(F) Teaching Certificate for the First Stage of Elementary Schools

(F, P) Teaching Certificate for the Second Stage of Elementary Schools for:

Czech Language; English Language; German Language;

French Language; History; Civics; Mathematics; Physics;

Chemistry; Informatics; Geography; Physical Education (F)

(F) **MASTER STUDIES** *(five-year course)*

Secondary School Teacher Education

Study Branches:

(F) Teaching Certificate for Secondary Schools for: Mathematics; Physics, Informatics (F)

(F) **DOCTORAL STUDY PROGRAMMES**

(F) **Applied Sciences and Engineering**

Study Branch:

Physical Engineering (F, P)

Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech





The Faculty of Economics of the Technical University of Liberec meets the needs of enterprises and firms, organizations and institutions at the beginning of the third millennium. It provides top education, proficiency, academic staff experience later projected in teaching, including knowledge, abilities and skills of the university students and graduates which they acquired and developed by studying at the faculty.

The Faculty of Economics of the Technical University of Liberec was established on 1 May, 1992. In compliance with the Czech government Accreditation Commission verdict it began its activities on 1 September, 1992 in the academic year 1992/1993 as a specialized faculty focused on Economics.

At present, the Faculty of Economics of the Technical University has the accredited study programmes at the Bachelor, Master and Doctoral levels which are carried out in the form of full-time courses and a selected number in part-time courses. Six foreign languages are taught by both Czech and native English-speaking lecturers.

The faculty enables its students to acquire in-depth experience in the field of economics and management, finance and accounting, legislation, marketing, international trade, services, tourism and applied information technology.

The Faculty of Economics of Liberec is a dynamic faculty which adapts to real conditions and introduces innovative courses according to the needs of the entrepreneurial environment and the trends of economic progress. By doing so, the faculty creates preconditions for flexibility of its graduates in terms of their future jobs and their fast professional growth. Graduates are able to take up posts in the field of economics, specifically in the fields of Business

Administration, Banking and Financial services, Public Administration, Informatics and Managerial Informatics both for corporate and non-profit organizations.

Scientific and research activities of the faculty are of great importance for the existence and work of the faculty. The essential results of the scientific work are regularly presented at international conferences and published in scientific journals. The range of scientific and research activities is growing and, with expanding resources, the faculty can also finance its activities.

The Faculty of Economics has been the initiator and one of the founders of the prestigious E+M scientific journal registered in The Social Sciences Citation Index of Thompson Reuters. At the same time the faculty is the main administrator and the seat of the editorial staff of the journal.

The Faculty of Economics organizes several international scientific conferences and seminars. The international conference, *Liberec Economic Forum*, belongs to one of the most significant events which takes place at two-year intervals.

Thanks to a broad range of international contacts and the support of **LLP Erasmus**, a lot of our students have a chance to take part in courses for one or more semesters at leading European universities, e.g. in St Gallen, Switzerland, Wrexham, the UK, Verona, Italy, Nice, France and more than thirty other universities all over Europe. Teachers of the Faculty of Economics of the Technical University of Liberec are widely supported by the faculty, which provides them short lecture stays abroad on the one hand, and organizes lectures by leading experts from foreign universities for the faculty's students on the other.

Another possibility for students is a special one year study stay at Huddersfield University Business School in the UK. It has been available for a long time on the basis of bilateral agreements between the universities.

The objective of the Faculty of Economics of the Technical University of Liberec is to support integration of the Czech Republic into the European and international economic structures.

Department of Business Administration
 Department of Insurance Management
 Department of Informatics
 Department of Economics
 Department of Finance and Accounting
 Department of Marketing
 Department of Law
 Department of Foreign Languages
 Department of Economic statistics

ACADEMIC PROGRAMMES OFFERED

BACHELOR STUDIES *(three-year course)*

Economic Policy and Administration

Study Branch:
 Insurance Management (F)

Economics and Management

Study Branches:
 Business Administration (F, E)
 Economics and Management of International Trade (F)
 Economics and Management of Services (F)
 Tourism (F)

System Engineering and Informatics

Study Branches:
 Managerial Informatics (F)

MASTER STUDIES

(five-year course)

Economic Policy and Administration

Study Branch:
 Insurance Management (F)

Economics and Management

Study Branch:
 Business Administration (F, P, E)

System Engineering and Informatics

Study Branch:
 Managerial Informatics (F)

DOCTORAL STUDY PROGRAMMES

Economic Policy and Administration

Study Branch:
 Insurance Management (F, P)

Economics and Management

Study Branch:
 Business Organisation and Management (F, P)

System Engineering and Informatics

Study Branch:
 Economics and Informatics (F, P, E)

Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech





The Faculty of Architecture at the Technical University of Liberec was established in 1994. Its founders intended to enrich the existing range of architectural education models with a different and new aspect, and succeeded in doing so.

The Faculty of Architecture TUL has offered study programmes in Fine Arts from 2002. Hence, it has extended its areas of focus which now extend to the fields of architecture, environmental design, as well as open visual art.

The Faculty of Architecture TUL is one of the smallest faculties. A limited number of students have been carefully tutored since the beginning of its existence by means of enhancing quality and individual approach. Thanks to its size, capacity and teaching methods, it has found its own model of modern school of architecture. This was largely due to the merit of the teachers' personal experience in working methods at foreign schools in Europe and overseas.

The Faculty of Architecture TUL is keen on its openness, which is reflected in its willingness to engage new teachers with new views and create room for their professional development. Also, the faculty activities go beyond the usual educational ones. Apart from summer schools of architecture, they include arrangement of students' works exhibitions, students' participation in national and international competitions, professionally guided excursions abroad, study stays at foreign universities and practical professional experience at foreign architectural ateliers. Our cycles of lectures, led by invited architects and artists, are famous, as well. FA-TUL has also opened its own gallery of Fine Arts.

The Faculty of Architecture TUL has quality teaching spaces and all the necessary equipment. In addition to an architecture atelier with 1000m² in area, it offers its students

two smaller art ateliers, an atelier for students preparing diploma projects, a computer laboratory, an expertly led and professionally equipped photographic studio and a modelling workroom.

The Faculty of Architecture TUL selects its students on the basis of three rounds of rigorous entrance examinations. The number of applicants is regularly up to seven times more than the number of students who can be accepted.

Department of Architecture
Department of Theory and History of Art and Architecture
Department of Building Construction
Department of Load-Bearing Structures
Department of Fine Arts
Department of Environmental Design

ACCREDITED ACADEMIC PROGRAMMES

BACHELOR STUDIES *(four-year course)*

Architecture and Urbanism

Study branch:

Architecture (F)

Fine Arts

Study branches:

Visual Communication
Digital Media
Environmental Design (F)

JOINT MASTER STUDIES *(two-year course)*

Architecture

Study branches:

Architecture
Architectural Engineering (F)

MASTER STUDIES*(six-year course)***Architecture**

Study branch:

Architecture

(F)

Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech





The Faculty of Mechatronics, Informatics and Interdisciplinary Studies (FM) at the Technical University of Liberec is the only faculty of this type in the Czech Republic. Students are educated in a multi-science environment. Scientific and engineering branches forming the profile of the courses are: Mechanical and Electrical Engineering, Computer Science and Science Engineering. Graduates find very good placements as both Czech and foreign firms are interested in their abilities. Several graduates follow careers in the European Union institutions.

The FM TUL is accredited at the European Federation of National Engineering Associations (FEANI) and registered in the FEANI index. It offers structured programmes of studies.

FM TUL supports students' mobility. Study stays at universities and important EU laboratories are part of the education policy. The faculty offers a large choice of individual study stays and practical scientific exchanges with foreign higher education schools. Good international relations are implemented through the participation of scientific research teams in international projects.

FM TUL is a dynamically developing faculty. Its dynamism is reflected in its activities which extend beyond the common educational frame. The faculty can be proud of its laboratories, with top quality equipment where students participate in numerous scientific and creative technical activities. These activities are oriented towards the fields of electro-techniques, electronics, mechatronics, control, measuring and computer engineering, artificial intelligence, mathematical modelling of natural processes and science engineering. The faculty staff are engaged in four research centres: Advanced Redevelopment Technologies and Processes, Textile, Progressive Technologies and Systems for Energetics and the Centre of Production Quality and Reliability. Students are members of the faculty scientific

teams, collaborating closely with industrial companies in solving specific assignments.

The FM TUL underwent fundamental restructuring in 2006. Inspired by a desire to strengthen its position in the field of science and research, it established research institutes instead of traditional departments. This structural change reveals a prospective trend in connecting research in the field of informatics with technical and science disciplines, and fulfils the function of the faculty in terms of interdisciplinary research and education.

The faculty activity is concentrated into four research institutes:

- Institute of Information Technologies and Electronics (ITE)
- Institute of Mechatronics and Technical Informatics (MTI)
- Institute of New Technologies and Applied Informatics (NTI)
- Institute of System and Reliability Control Engineering (RSS)

ACCREDITED ACADEMIC PROGRAMMES

BACHELOR STUDIES *(three-year course)*

Electrical Engineering and Informatics

Study Branches:

Electronic Information and Control Systems (F, P)

Informatics and Logistics (F, P)

Information Technology

Study Branch:

Information Technology (F)

Applied Science and Informatics

Study Branch:

Modelling and Informatics (F)

Nanotechnology

Study Branch:

Nanomaterials (F)

JOINT MASTER STUDIES *(two-year courses)***Electrical Engineering and Informatics** (F)

Study Branches:

Automatic Control and Engineering Informatics (E)

Mechatronics (E)

Engineering of Interactive Systems (E)

Information Technology

Science Engineering (Physico-experimental)

Applied Science Engineering (F)

Study Branch:

Science Engineering (Modelling)

Nanotechnology (F)

Study Branch:

Nanomaterials

DOCTORAL STUDIES *(four-year courses)***Electrical Engineering and Informatics** (F, P)

Study Branches:

Technical Cybernetics

Science Engineering (Physico-experimental)

Applied Science Engineering (F)

Study Branch:

Science Engineering (Modelling)

Explanation:

F- Full time courses

P- Part time courses

E- Courses taught in English

Note: The main courses are taught in Czech





The Institute of Health Studies at the Technical University of Liberec was established on the 1st December 2004 as an independent unit within TUL. The foundation of the institute complies with European Union requirements concerning the education of regulated non-medical professions.

The Institute of Health Studies TUL offers a corresponding study programme and quality higher education acquirments. It has a full time and part time three-year bachelor study programme in nursing. The programme was conceived in order to meet the requirements of professional theory and practical training for general nurses responsible for health care.

The Institute of Health Studies also offers the full time three - year Bachelor Study of Biomedical Engineering. The practical training is carried out in collaboration with specialized centers in Prague and in Liberec.

The Institute of Health Studies TUL admits into its study programmes, applicants who have graduated from secondary school of general or vocational orientation, passed the examination of the school-leaving certificate and fulfilled the requirements of the school entry criteria.

The Institute of Health Studies TUL gives the students the opportunity to study thorough modern methods and procedures in health care. Students have use of well equipped classrooms and a high-quality background, to realize professional nursing practices in the specialized clinical workplaces of the Regional Hospital Liberec. Lecturers are among specialists and experts from medical institutes and faculties, and doctors from hospitals . The Institute of Health Studies TUL also carries out research and development activities in cooperation with the Regional Hospital Liberec, the Regional Hygienic Clinic of Liberec and other institutions. The Institute is aware of the strategic role

of this new study programme. Engaging itself in the health education system and in the development and realization of new technologies.

ACCREDITED ACADEMIC PROGRAMMES:

Bachelor of Nursing - three year full time study

Bachelor of Nursing - three year part time study

Bachelor of Biomedical Engineering - three year full time study

Nursing

(Study Branch - General Nurse)

full time and part time study

The study course General Nurse is a full-time form of studies that requires interdisciplinary preparation with an emphasis on practical forms of education. In addition to basic knowledge in anatomy, physiology, psychology, communication, nursing, management, law, clinical objects (internal medicine, surgery, pediatrics, neurology, geriatrics, psychiatry and other branches), knowledge and skills in the field of computer technology and communication skills in foreign language are also required. Entry examinations include biology and a foreign language of the applicant's own choice.

Biomedical Technology

(Study branch Biomedical Technology)

full time study

The three - year study branch of Biomedical Technology is directed to education of an expert in biomedical technology. The students acquire skilled ability and basics of using instruments of medical technology and biomedical informatics, as well as the basics of biology, anatomy, human physiology, ethics, communication, psychology and

specified medicine branches.

Entry examination include human biology, mathematics and physics.



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