



# STUDENT GUIDE

ACADEMIC YEAR 2018/2019

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# PRAGUE – AT THE CROSSROADS OF CULTURES



Prague, the capital of the Czech Republic, has been an important centre of culture and learning for over a thousand years. Its first university was established as early as 1348. It was the first university of its kind in central Europe. Famous European scholars of the late Renaissance, such as astronomers Tycho Brahe and Johannes Kepler, lived and worked in Prague. Throughout the 17<sup>th</sup>, 18<sup>th</sup> and 19<sup>th</sup> centuries many scholars and scientists of world renown held chairs at Prague's Charles University. In the late 19<sup>th</sup> and early 20<sup>th</sup> century Ernst Mach and Albert Einstein held chairs at the Department of Theore-

tical Physics at the German University of Prague. French, German and particularly Italian architects, sculptors and garden designers, have given Prague a unique cosmopolitan flair. The Old Town, Charles Bridge, the Small Quarter, Prague Castle, all these masterpieces of late Gothic, Renaissance and Baroque architecture have been carefully maintained and protected by successive generations of rulers and monarchs, keeping the historical centre of Prague virtually untouched and perfectly preserved. UNESCO has listed Prague's historical centre as one of the cultural heritages of mankind. Apart from being an attractive tourist destination, a centre of arts and culture, Prague is also a prominent centre for higher education. At a crossroad between East, West, North and South, it is the ideal destination for anyone, who wishes to be part of a truly global experience.

**For further information about Prague please consult the following web sites**

[www.prague.com](http://www.prague.com)

[www.prague-city.cz](http://www.prague-city.cz)

[www.prague.cz](http://www.prague.cz)

[www.praguealternativetours.cz](http://www.praguealternativetours.cz)

Czech flag



Official Seal



# WELCOME TO OUR UNIVERSITY!



By choosing Prague as your study destination, you have made an excellent decision. If you have chosen the Czech University of Life Sciences Prague (CULS), you have made an even a better decision. Our university has one of the nicest campuses in Europe – a fully landscaped campus with trees, tended flowerbeds and grass lawns, with plenty of opportunities to take part in sporting and cultural events. The Faculty buildings are equipped with state-of-the-art labs and spacious lecture rooms. CULS campus is on the outskirts of Prague, one of the most beautiful cities in the world. By bus and the Metro you are just twenty minutes from its historical centre! When I was a student, I spent many wonderful years at this campus. Thus, I am well aware of the importance that students, as well as prospective students, assign to their study environment, particularly if they are planning to spend an important part of their lives away from their home country.

CULS is proud of its multicultural environment. We offer 232 study programmes, of which 52 are entirely in English – at bachelor (undergraduate), master (graduate) and doctoral (postgraduate) levels. We offer many study programmes related to life sciences. Our students are educated and trained to become professionals in their fields of specialisation. They are thus capable of finding solutions to even the greatest challenges currently facing our modern world. Amongst these are food security and safety (not only at home, but also in the global south), adaptation and resilience to climate change, the 4th industrial revolution in agriculture and forestry, renewable energy resources, protection of biodiversity, and several other key issues of our times. Furthermore, in the framework of their studies of life sciences, our students have a chance to work with teams across disciplines, leading to highly effective and innovative solutions.

By choosing to study life sciences at our university, you have made a wise and far-sighted decision. Studies in life sciences are very much the current trend. In fact, life sciences are key disciplines for ensuring the quality of our lives today, and in the future. These days, quality of life is not solely determined by the level of economic prosperity, but also by the quality

of health care and education. We need good food and clean water, we need to safeguard our traditions, our natural resources and cultural values. Though the contents of our study programmes include traditional knowledge, we also investigate the latest trends in modern science, guaranteeing that both the contents and the didactics of our study programmes are up to date.

Connecting scientific research with didactics is an important aspect of studies at CULS. Due to this policy, CULS has gained respect throughout the world, as one of the important centres of European higher education, particularly in the area of life sciences. The internationalisation of our university has of course helped in achieving this position. Each year more than a thousand students from CULS travel abroad for studies, and almost three thousand international students come to study at our university. More and more teachers and researchers at our university come from abroad. The international character of CULS allows us to increase the quality of teaching and research outputs. To be sure, internationalisation is indispensable for achieving academic excellence. With twenty thousand students, CULS ranks amongst the six largest universities in the Czech Republic. CULS is also member of the Euroleague for Life Sciences (ELLS), a consortium of seven leading life sciences universities in Europe. Due to our membership in ELLS we have been able to increase our cooperation with our partners in the areas of student exchange and in scientific research. We are also cooperating with our partners in the implementation of several double degree and joint degree study programmes. The added value of double degree programmes is the fact that talented students are awarded a second diploma from a prestigious European university.

I am confident that you will thoroughly enjoy your studies at our university and thus build a strong foundation for your future career.

Welcome to our university!

**Professor Dr. Petr Sklenička**  
Rector

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● Faculty of Engineering	130



# ACADEMIC CALENDAR 2018-2019

## WINTER (FALL) SEMESTER

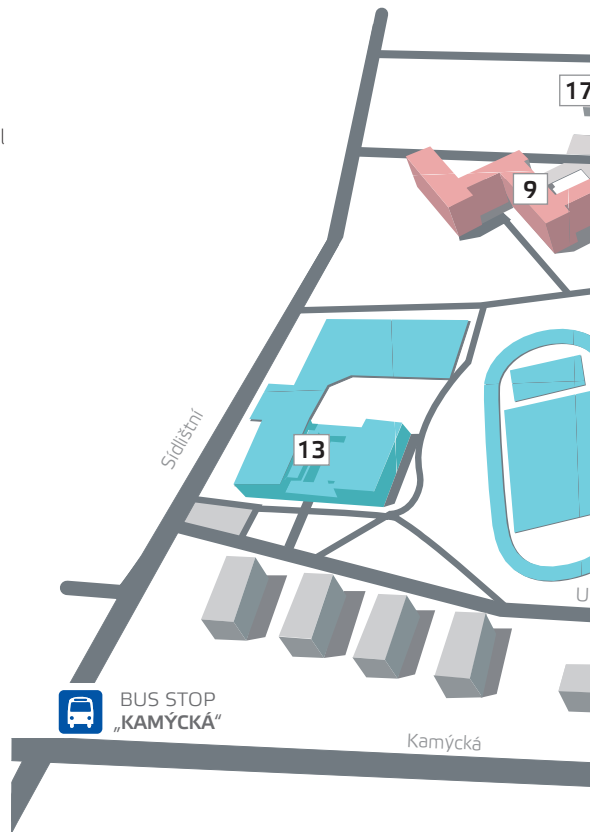
Intensive Czech Language Course	17. 09. 2018 – 21. 09. 2018
Orientation week	24. 09. 2018 – 30. 09. 2018
Start of winter semester	01. 10. 2018
Registration of optional courses for summer semester – 1st round	29. 10. 2018 – 04. 11. 2018
Registration of optional courses for summer semester – 2nd round	12. 11. 2018 – 18. 11. 2018
Life Sciences Film Festival	15. 10. 2018 – 19. 10. 2018
Week for completing requirements to be eligible for examinations (zápočet)	17. 12. 2018 – 21. 12. 2018
Christmas and New Year holidays	24. 12. 2018 – 02. 01. 2019
Examinations period	03. 01. 2019 – 10. 02. 2019

## SUMMER (SPRING) SEMESTER

Intensive Czech Language Course	28. 01. 2019 – 01. 02. 2019
Orientation week	04. 02. 2019 – 10. 02. 2019
Start of winter semester	11.02.2019
Registration of optional courses – 1st round	08.04.2019 – 14.04.2019
Registration of optional courses – 2nd round	22.04.2019 – 28.04.2019
Week for completing requirements to be eligible for examinations (zápočet) students finishing their degree studies	15.04.2019 – 21.04.2019
Week for completing requirements to be eligible for examinations (zápočet) students continuing their degree studies	29.04.2019 – 05.05.2019
Examinations period; students continuing studies in academic year 2019 – 2020	06.05.2019 – 30.06.2019
Last day of examination sessions/passing the course requirements	06.09.2019

# MAP OF CULS PRAGUE

- 1.** Rectorate Building University Administration; International Relations Office on 4th floor (Erasmus+ Institutional Coordinator / Outgoing and Incoming Erasmus+ Mobility Coordinators)
- 2.** Aula - Graduation Hall
- 3a.** Faculty of Agrobiology, Food and Natural Resources
- 3b.** Annex Faculty of Agrobiology, Food and Natural Resources
- 4.** Faculty of Forestry and Wood Sciences
- 4a.** Faculty of Environmental Sciences
- 4b.** University Centre of Environmental Sciences
- 5.** Faculty of Economics and Management
- 6.** Faculty of Engineering
- 7.** Student Dormitory/Hall od Residence A
- 8.** Student Dormitories/Halls od Residence BCD
- 9.** Student Dormitories/Halls od Residence EFG
- 10.** Student Dormitories/Halls od Residence JIH
- 11.** Student Canteen (Menza)
- 12.** Faculty of Tropical AgriSciences
- 13.** Sports Centre, Heated Swimming Pool
- 14.** Department of Languages
- 15.** Department of Veterinary Sciences
- 16.** Greenhouses
- 17.** University Cars and Buses Depot
- 18.** Round Hall (Lecture Rooms K1 and K2)
- 19.** KB Bank & Staff Medical Centre
- 20.** Cattle Breeding Trial Farm
- 21.** Study Information Centre (SIC)  
Central Library, University Cash Desk
- 22.** Trial and Experimental Fields
- 23.** Canine Behaviour & Training Centre





BUS STOP  
„ZEMĚĚLSKÁ UNIVERZITA“



Brandejsovo sq.

# CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

## FACTS AND FIGURES

Czech University of Life Sciences Prague (CULS) is one of the leading life sciences universities in Europe and a member of the Euroleague for Life Sciences [www.euroleague-study.org](http://www.euroleague-study.org). CULS educates qualified specialists and responsible leaders, who will be mindful of our environment, for the benefit of future generations.

- Founded in **1906**
- **6** Faculties
- **1** Institute
- **64** Departments
- **2 500** academic staff (professors, assistants, lecturers & support staff)
- **20 500** enrolled students (academic year 2017 – 2018)
- **2 100** international students (academic year 2017 – 2018)
- **390** ERASMUS+ outgoing students (academic year 2017 – 2018)
- **520** ERASMUS+ incoming students (academic year 2017 – 2018)
  
- **71** BSc study programmes/fields of studies
- **87** MSc study programmes/fields of studies
- **75** PhD study programmes/fields of specialisation
- **10** BSc study programmes taught in English
- **19** MSc study programmes taught in English
- **23** PhD study programmes/fields of specialisation in English

# CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

## FACULTIES AND DEPARTMENTS

### FACULTY OF AGROBIOLOGY, FOOD AND NATURAL RESOURCES (FAFNR)

#### Departments

- Agroecology and Biometeorolog
- Agroenvironmental Chemistry and Plant Nutrition
- Botany and Plant Physiology
- Genetics and Breeding
- Husbandry and Ethology of Animals
- Chemistry
- Quality of Agricultural Products
- Microbiology, Nutrition and Dietetics
- Plant Protection
- Soil Science and Soil Protection
- Forage Crops and Grassland Management
- Crop Production
- Animal Husbandry
- Veterinary Sciences
- Water Resources
- Horticulture
- Landscape Architecture
- Zoology and Fisheries

### FACULTY OF ENVIRONMENTAL SCIENCES (FES)

#### Departments

- Applied Geoinformatics and Spatial Plannin
- Environmental Geosciences
- Ecology
- Land Use and Improvement
- Water Resources and Environmental Modelling
- Applied Ecology

### FACULTY OF FORESTRY AND WOOD SCIENCES (FFWS)

#### Departments

- Genetics and Physiology of Forest Trees
- Forestry and Wood Economics
- Forest Ecology
- Forestry Technologies and Construction
- Forest Management
- Forest Protection and Entomology
- Game Management and Wildlife
- Biology
- Silviculture
- Wood Processing
- Wood Products and Wood Constructions

### FACULTY OF ECONOMICS AND MANAGEMENT (FEM)

#### Departments

- Economic Theories
- Humanities
- Information Engineering
- Information Technologies
- Languages
- Trade and Accounting
- Systems Engineering
- Law
- Psychology
- Management
- Statistics
- Economics

### FACULTY OF ENGINEERING (FE)

#### Departments

- Electrical Engineering and Automation
- Physics
- Quality and Dependability of Machines
- Mathematics
- Material Science and Manufacturing Technology
- Mechanical Engineering
- Technological Equipment of Buildings
- Vehicles and Ground Transport
- Machinery Utilization
- Agricultural Machines

### FACULTY OF TROPICAL AGRISCIENCES (FTA)

#### Departments

- Animal Science and Food Processing
- Economics and Developmen
- Sustainable Technologies
- Crop Sciences and Agroforestry

### INSTITUTE OF EDUCATION AND COMMUNICATION (IEC)

#### Departments

- Pedagogy
- Lifelong Learning and Study Support
- Professional and Personal Development

# INFORMATION FOR INCOMING ERASMUS+ APPLICATION PROCEDURES

## APPLICATION DOCUMENTS CHECKLIST

- **Student Application Form (2x)**. You can apply for one semester (WS or SS) or for the whole academic year.
- **Learning Agreement (2x)**. The Learning Agreement must include blank pages and should include a filled out header with personal data. According to their current level of studies (BSc or MSc), exchange students should select subjects taught in one of the corresponding BSc or MSc study programmes taught in English at CULS Prague (see "Study Programmes in English" section of this Guide). Exceptionally, after consulting with the Erasmus+ coordinator, they can also select one or two subjects from a different study programme. Selected subjects must be stated in the Learning Agreement, including the allocated ECTS credits. Credits for one semester should be a minimum 30 ECTS, 60 ECTS for an academic year. The Learning Agreement should be signed by the applicant, the ERASMUS+ coordinator and Department coordinator at the sending university.
- **Transcript of Records (1x)**. This official document is issued by the sending university and must be stamped and signed.
- **Reservation for accommodation (1x)**. Exchange students who require accommodation at CULS Halls of Residence/ Dormitories should also send this document (with photo). Students who require a student visa to enter Czech Republic must send a copy of their passport, in order that we can send a Confirmation of Accommodation to the Czech Embassy in their country of origin.

## SUBMISSION OF APPLICATION DOCUMENTS

- All the documents must be filled out electronically (except the Learning Agreement) and submitted in printed form. The deadline for submitting Applications is 15 June 2018 for enrolment in the winter semester 2018 – 2019, and 15 November 2018 for enrolment in the summer semester 2018 – 2019.
- The submission deadline for students who require a student visa to enter Czech Republic is 1 June 2018 for enrolment in the winter semester 2018 – 2019, 1 November 2018 for enrolment in the summer semester 2018 – 2019.
- Erasmus students send all above mentioned documents as a parcel by postal delivery in one envelope to:

# STUDENTS (EXCHANGE STUDIES)

**Czech University of Life Sciences Prague / ČZU v Praze**  
**Incoming Erasmus+ coordinator**  
**International Relations Office**  
**Kamýcká 129 / 160 00 Prague – Suchdol (Czech Republic)**

- International students applying for short term exchange studies (on the basis of a signed Memorandum of Understanding) must be nominated by their home university and send the above mentioned documents & nomination form by 31. May 2018 as attached files to an e-mail to:

**Jaromir Nemeč** [nemecjaromir@rektorat.czu.cz](mailto:nemecjaromir@rektorat.czu.cz)  
**Head of International Relations Office**

## LETTER OF ACCEPTANCE

- When we receive the application documents (by postal delivery from your home university International Relations Office - Erasmus+ Coordinator), we will assess the documents and subsequently send a Letter of Acceptance to your home university International Relations Office - Erasmus+ Coordinator. In case you did not receive a Letter of Acceptance, please contact our Incoming Erasmus+ coordinator.
- Exchange students from non-EU countries will receive a letter of acceptance for visa purposes by registered postal delivery.
- At the end of ERASMUS+ studies (or exchange studies for non-EU students) the grades and ECTS credits will be written in a Transcript of Records signed by the Departmental Coordinator at the relevant CULS Faculty. Without a Transcript of Records issued by CULS, study results will not be recognised by the home university.

# INFORMATION FOR INTERNATIONAL APPLICATION PROCEDURES

- Applicants' diplomas must be recognised in the Czech Republic (i.e. students must receive a Certificate of Recognition of Diploma). Foreign university diplomas, or secondary school leaving diplomas, must bear an official apostille, issued by the Accreditation Agency in your home country.
- Admission in degree studies at CULS is conditional to passing an entrance examination.
- Standards duration of studies at CULS: BSc degree studies – 3 academic years; MSc degree studies – 2 academic years; PhD degree studies 3 – 4 academic years.
- Electronic application for degree students is available at [prijimacky.czu.cz](http://prijimacky.czu.cz).
- The confirmation on payment of enrolment fee should be sent to the Study Office of the relevant Faculty before enrolment, i.e. before the start of the academic year.
- For more information please contact the International Relations Office at the relevant CULS Faculty (see Contacts section of this Guide)
- For visa and health insurance provisions please see the relevant section in Practical Information.



# APPLICANTS (DEGREE STUDIES)

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Submission of application	Online at <a href="http://prijimacky.czu.cz">prijimacky.czu.cz</a> by 31 March of each calendar year
Tuition fee & enrolment fee	<ul style="list-style-type: none"><li>● The payment of tuition fees is compulsory for all applicants who wish to study at CULS Prague in one of the BSc, MSc or PhD programmes taught in English. The tuition fees vary according to the chosen English programme. The tuition fee and an enrolment fee (500 CZK) should be paid by bank transfer to the account of CULS Prague, before enrolment. Applicants in English study programmes who fail to pay their tuition fee before the start of an academic year will not be enrolled.</li></ul>
Recognition of diplomas from previous studies	<ul style="list-style-type: none"><li>● International applicants for university studies in the Czech Republic must have their diplomas from previous studies in a foreign country recognised (nostrification). Diplomas issued in specific countries also require an official apostille from the educational ministry in the country where the diploma was issued. International applicants for degree studies in English must submit their diploma(s) translated by an official translator in to Czech language. Secondary school diplomas are submitted to the Prague Municipal Education Office for recognition. University diplomas are submitted to the Study Administration Office at CULS for recognition.</li><li>● Applicants for BSc studies must have a secondary school leaving diploma or equivalent (Maturita, A levels etc)</li><li>● Applicants for MSc studies must have a BSc diploma or equivalent</li><li>● Applicants for PhD studies must have an MSc diploma or equivalent</li></ul>
Entrance examination before enrolment	<ul style="list-style-type: none"><li>● BSc studies – mathematics, foreign language, relevant subject (e.g. chemistry, biology, general botany, physics, etc.)</li><li>● MSc studies – foreign language, relevant subject (e.g. chemistry, biology, statistics, mathematics, etc.)</li><li>● PhD – determined by the PhD supervisors</li></ul>
English proficiency	<ul style="list-style-type: none"><li>● Applicants for degree studies in English must have proficiency level at least B1 (intermediate). CULS accepts international language certificates IELTS (overall scores 5,0 and more), TOEFL (overall scores 70 and more). A language certificate is not mandatory, in case that a student proves his/her English language skills during application interviews or in a written entrance examination.</li></ul>
Scholarships	<ul style="list-style-type: none"><li>● Enrolled BSc, MSc, and PhD students can apply for an accommodation subsidy/scholarship</li><li>● Enrolled BSc and MSc students with outstanding study results can be awarded a subsidy/scholarship</li><li>● Enrolled PhD students receive a PhD study scholarship</li><li>● CULS does not award scholarships to prospective students who are not enrolled at CULS</li><li>● Scholarships for international students are available through the Czech Ministry of Education, Sports and Youth, and other governmental or non-governmental organisations.</li></ul>

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# ARRIVAL INFORMATION

## COMING BY PLANE

- Prague's Vaclav Havel Airport is located **15 km** west of the city centre. You can get to **CULS campus** either by bus and metro, or taxi. **Bus No. 119** brings passengers from the airport (Terminal 1 and Terminal 2) to the **Metro line A station Veleslavin**. From there you will take the metro in direction of Skalka / Depo Hostivar, and get off at **station Dejvicka**. At Dejvická, take **bus number 107 or 147** to the **bus stop Zemedelska univerzita**. The stops are announced on the public address system in the bus.

## COMING BY TRAIN

- Passengers travelling to Prague by train come to two central stations: **Hlavni nadrazi or Holesovice**. You can get to Dejvicka by Metro Line C to **station Muzeum** and there you can transfer to the Metro Line A, direction Motol. At metro **station Dejvická**, take **bus number 107 or 147** to the **bus stop Zemedelska univerzita**.

## COMING BY INTERNATIONAL BUS

- International passengers arrive at the **Bus Terminal Florenc**, which is on Metro line C and B. Take Metro line C train to **Muzeum station** and transfer to the Metro Line A direction Motol, get off at **station Dejvicka**. At Dejvicka, take **bus number 107 or 147** to the **bus stop Zemedelska univerzita**.

## PICKING UP SERVICE

If you require assistance to get to CULS campus from Prague Vaclav Havel airport or from the train station, please fill out the registration form at [my.esnculs.cz/register/international](https://my.esnculs.cz/register/international)

Erasmus Students can contact directly the CULS International Relations Office, Erasmus+ Incoming Students Coordinator [malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

# PRACTICAL INFORMATION

## MONTHLY COSTS OF LIVING AT CULS CAMPUS

Accommodation at CULS Dormitories/Halls of Residence In room with 2 beds, shared bathroom & toilets:	130 EUR
Health insurance	75 EUR
Meals (Lunch & Dinner)	250 EUR
Monthly Student Pass (Metro, Tram, Bus)	10 EUR
Miscellaneous	100 EUR

## CULS ISIC CARD AND ELECTRONIC WALLET (UEP)

Applicants for degree studies apply for their CULS ISIC Card and electronic wallet on the registration platform [prijimacky.czu.cz](http://prijimacky.czu.cz). The online registration platform is not for Erasmus+ exchange students. After registration the applicant will receive his/her personal ID login and password by e-mail, and will have to upload his/her passport photo online into the electronic registration system.

Erasmus+ exchange students apply for their CULS ISIC Card and electronic wallet after they receive a Letter of Acceptance. They will also receive an e-mail with login and password. Subsequently they will be asked to upload their passport photo online into the electronic system, using their login and password. The online registration platform is not for Erasmus+ exchange students. In case you have problems with the login, contact the CULS International Relations Office Erasmus+ Incoming Students Coordinator. After arrival at CULS, enrolled international degree students and Erasmus+

exchange students can collect their CULS ISIC Student Card and electronic wallet at the ISIC Card Centre situated on the 1st floor of the Study Information Centre (SIC), room 206. The costs for activation of the ISIC Card are **300 CZK** (15 EUR), inscription fee is **250 CZK** (10 EUR). The ISIC Student Card also functions as an electronic wallet (UEP) and can be re-charged with cash at several charging stations throughout the campus. A health insurance can be purchased online as an additional feature of the CULS ISIC card.

With an ISIC Card students can take their meals at

# PRACTICAL INFORMATION

the university refectory (Menza) without paying cash and at a reduced price (see below). The costs for meals, refreshments from automatic dispensers, etc. are debited from the electronic wallet. The card allows access to the CULS library, to the internet pavilions

and functions as a key that opens the main door of the dormitories. Costs for using the washing machine will also be deducted from the electronic wallet. Most on-campus shops and restaurants accept payments CULS ISIC Student Card and UEP.

## UNIVERSITY CASH DESK

All payments for accommodation, safety deposit, etc. are paid in cash or by card (VISA or MC) at the university cash desk situated on the ground floor of the of the Study and Information Centre (SIC). Payments for the CULS ISIC Card and insurance are also paid the university cash desk,

**CASH DESK OPENING HOURS MONDAY TO FRIDAY 8:00 to 12:00 and 13:00 to 15:00**

## PREPAID TIME TICKETS FOR PUBLIC TRANSPORT

Students who have a valid CULS ISIC Card can purchase a prepaid time ticket at the CZU shop on the ground floor of the refectory (Menza). A prepaid ticket for one month costs only **260 CZK**, a 3 months ticket costs **720 CZK**. Prepaid time tickets can also be purchased at the Metro stations Dejvická, Mustek, Muzeum, etc., by presenting a valid CULS ISIC Card or a confirmation form our university. More information on the Prague Metropolitan Transport System can be found at [www.dpp.cz/en/fares-in-prague](http://www.dpp.cz/en/fares-in-prague)

## ORIENTATION WEEK

The orientation week is organised one week before the start of each semester and is compulsory for incoming Erasmus+ students, as well as for international exchange students from non EU countries. It includes campus tours and several social events, giving our students the opportunity to meet new friends and settle in, before you enrol in studies. Attendants of the orientation week will also get detailed information about the registration and enrolment procedures.

Details on the orientation weeks in the academic year 2018 – 2019 (September 2018 & February 2019) will be available on our web page. Incoming ERASMUS+ students and other interna-

tional students wishing to take part can get information about the orientation week from our Erasmus+ incoming students' coordinator.

### REGISTERING WITH FOREIGN POLICE

EU citizen accommodated at the CULS Dormitories/ Halls of Residence, will be automatically registered with the foreign police by the CULS Halls of Residence management office.

Non EU students arriving to Czech Republic with a student visa (i.e. students from Turkey, Russia, Ukraine, Kazakhstan, Uzbekistan, India, Nepal, Korea, USA, South America, etc.) must inform the dormitory office and indicate the type and number of their student visa in the accommodation registration form. Only then can they be registered at the foreign policy by the CULS Halls of Residence management office.

### **For prolonging your student visa you must go to the foreigners' police:**

Oddělení Migrační a Azylové  
Pracoviště Hládkov 682/9  
Praha 6 – Střešovice.

Contact telephone No. for making an appointment: **+420 974 820 680**

### OFFICE HOURS

**Mon - Thu: 8.00 – 16.00 (only with an appointment) Fri: 8.00 – 12.00 (only with an appointment)**

### CULS DORMITORIES & HALLS OF RESIDENCE

#### **!! IMPORTANT NOTE !!**

**CULS DORMITORIES HAVE LIMITED CAPACITIES IN ACADEMIC YEAR 2018-2019. WE STRONGLY RECOMMEND THAT STUDENTS CONFIRM/BOOK ACCOMMODATION (AT CULS DORMITORIES OR WITH PRIVATE PROVIDERS) AT LEAST 2 MONTHS BEFORE THEIR ARRIVAL!!**

# PRACTICAL INFORMATION

## ONLINE REGISTRATION FOR ACCOMMODATION

Online registration for accommodation: [iskam.czu.cz](http://iskam.czu.cz)

## BOOKING DORMITORY ROOMS FOR ERASMUS+ AND INTERNATIONAL EXCHANGE STUDENTS (SHORT TERM RESIDENTS).

Reservation of accommodation should be sent to CULS incoming Erasmus+ students' coordinator. If there is no more rooms available at CULS Dormitories, students will be notified on time, with an offer of alternative accommodation (private or at other universities' dormitories).

## BOOKING DORMITORY ROOMS FOR INTERNATIONAL DEGREE STUDENTS (LONG TERM RESIDENTS)

Reservation of accommodation should be done online and/or sent to the CULS dormitory office [sornova@kam.czu.cz](mailto:sornova@kam.czu.cz) only after the applicant was accepted as a degree student at one of the Faculties of CULS..

## BOOKING HOTEL ROOMS FOR VISITING PROFESSORS AND GUESTS (SHORT TERM RESIDENTS)

Reservation of accommodation at one of the guest rooms of CULS Halls of Residence can be done either directly to the Halls of Residence Office ([sornova@kam.czu.cz](mailto:sornova@kam.czu.cz)) or through the International Relations Office at the Rectorate, or at the relevant Faculty (see important contacts section). CULS Halls of Residence offer single or double rooms (with attached toilet & bathroom, TV and internet access).

## CHECK IN AT CULS DORMITORIES HALLS OF RESIDENCE

All residents (short term and long term) must sign an accommodation contract at the central registration office, situated on the ground floor of the CULS Halls of Residence Management Building (next to Dormitories BCD), opened only during workdays,

**Mon – Fri 8:00 – 15:00 It is closed on weekends on holidays.**

Students are kindly requested to arrive during workdays, not on weekends or during holidays, in order to register and pay for their accommodation (payment for accommodation is made

# PRACTICAL INFORMATION

at CULS central cash desk, situated on the ground floor of the Study and Information Centre).

## MONTHLY COSTS OF ACCOMMODATION

**CZK 3 700** (approximately EUR 130)

Costs for accommodation include bed, pillow, blanket, sheets (for laundry service see below), heating, warm and cold water, local taxes and insurance. Each room is equipped with basic amenities, i.e. writing desks and cupboards, reading lamps and cleaning equipment (broom, bucket etc.). Rooms are allocated according to availability.

## REFUNDABLE DEPOSIT

This refundable deposit **CZK 5 000** (3 500 CZK deposit + 1 500 CZK reservation fee) must be paid at the CULS Cash Register Office, ground floor of Study Information Centre building, together with your accommodation and your room internet connection. In specific cases the payment of the deposit may be delayed for one month. The deposit will be fully refunded at the end of your stay, provided that no damage was made to the dormitory inventory. In specific cases the deposit may be used to pay for the last month of your stay. However, it is necessary to consult all such arrangements in advance with the CULS Halls of Residence management.

## INTERNET CONNECTION:

**162 CZK** (aprox. EUR 8) per month

## LAUNDRY SERVICE

You will be provided with a set of clean sheets at the start of your stay. Every two weeks you are entitled to have them washed at our laundry room, which is situated at the ground-floor of each dormitory. At each hall of residence there are also washing machines for students. You can ask for the key for the washing machine room at the reception of each hall of residence. The costs for using the washing machine will be deduced from your electronic wallet (see below in section CULS – ISIC Student Card and electronic wallet).

# PRACTICAL INFORMATION

## ADDRESSES AND PHONE NUMBERS (CULS HALLS OF RESIDENCE):

<b>A</b>	Kamýcká 933, 165 00 Praha 6 Suchdol, Phone - <b>+420 224 383 445</b> (reception desk)
<b>JIH</b>	Kamýcká 1280, 165 00 Praha 6 Suchdol, Phone - <b>+420 224 383 538</b> (reception desk)
<b>EFG</b>	Kamýcká 1281, 165 00 Praha 6 Suchdol, Phone - <b>+420 234 383 462</b> (reception desk)
<b>BCD</b>	Kamýcká 1283, 165 00 Praha 6 Suchdol, Phone - <b>+420 234 383 382</b> (reception desk)

Visit the Dormitory web page at: [www.kam.czu.cz](http://www.kam.czu.cz)

## CAFETERIAS AND STUDENT REFECTORY (MENZA)

### Breakfast

You can have breakfast at the cafeteria on the ground floor of the student refectory (Menza). The cafeteria is opened during weekdays from 7:00 to 18:00. The prices vary from 30 to 50 CZK (1,50 – 2 EUR). The cafeteria is closed on Saturdays and Sundays and during holidays.

### Lunch & dinner

CULS has modern and spacious students refectory (Menza) The Menza is closed on Saturdays and Sundays and during holidays.

**Lunch service: 11:30 - 14:00 (Choice of 5 different dishes)**

**Dinner service: 17:00 - 18:00 (Usually only 1 dish)**

Reduced prices for lunch and dinner (includes tea): from 21 to – 47 CZK (0.80 to 1.70 EUR)

Full prices (includes tea): 56 to 86 CZK (2.50 to 3 EUR)

Soups, salads, soft drinks (Cola, Fanta etc.), coffee and desserts are extra.

## HEALTH CARE AND EMERGENCY CONTACTS

### EU Citizens Health Insurance

Legal regulations concerning medical care for EU students involved in mobility programmes, such as LLP ERASMUS, CEEPUS etc. stipulate that incoming students have free access to any necessary health care during their study/ research periods in the Czech Republic. In very rare cases a student may be requested by the doctor to pay for treatment in advance. Medical care which



# PRACTICAL INFORMATION

is not urgent, such as dental repairs and cosmetic operations, is not included in the EU mobility programmes health care regulations. Incoming students from the EU are entitled to the same health care as Czech citizens. Before treatment they must present their EU insurance card AND a Certificate of insurance delivered by the Czech General Health Insurance Company (Všeobecná Zdravotní Pojistovna or VZP). This certificate is delivered free of charge at any VZP branch office. If you don't have this certificate you may have to pay (at least) 600 CZK for each visit at the doctor. There is an administrative fee of 30 CZK to pay at each consultation. (Note: Make photocopies of the certificate. They may come in handy).

## **Non EU Citizens Health Insurance**

Students from non EU countries must have a supplementary travel health insurance, covering the entire period of their stay in the Czech Republic. They must make necessary provisions before they leave their country of origin. They also must get the above mentioned certificate of insurance from the Czech General Health Insurance Company. Students from non EU countries, staying in the Czech Republic longer than 3 months (for a semester or an academic year) must contract an insurance with an insurance company in the Czech Republic or with an insurance company authorised by the Czech Embassy in their country of origin. Please consult with your study coordinator at CULS before you apply for a long term visa. Czech visa, or long term residence permit, will not be delivered if the insurance (for a semester or an academic year) is not recognised by the Czech Embassy.

**EMERGENCY LINE 112** (Communications in English)

**EMERGENCY** (365 days/24 hours): Military Hospital Stresovice [www.uvn.cz](http://www.uvn.cz) Phone **+420 973 203 777**

## **English speaking doctor**

MUDr. Ms Sophie Gemperlová,  
ul. Bílá 6, Praha 6,  
Tel.: **+420 234 606 155**  
(Near Metro A Station Dejvicka)

## **Emergency dentists (English speaking)**

Městská poliklinika Praha  
Spálená 12, Praha 1  
Tel.: **+420 222 924 268**  
Mon - Fri 19:00-7:00, Sat, Sun, holidays - nonstop  
(Near Metro B Station Narodni Trida)

# PRACTICAL INFORMATION

## Emergency Student Clinic

### Městská poliklinika Praha

Spálená 12, Praha 1,

Tel.: **+420 224 947 113**

(Near Metro B Station Narodni Trida)

## Hospital na Homolce

Roentgenova 2, Prague 5

(Bus Nr. 167 from Metro B station Andel)

Reception 24h service for EU/Czech insurance card holders;

Tel.: **+420 257 272 522**

Reception for Foreigners (Non EU insurance card holders);

Tel.: **+420 257 272 144**

[www.homolka.cz](http://www.homolka.cz)

## Hospital in Motol – Medical Care for Foreigners

V Úvalu 84, 150 06 Praha 5

Tel.: **+420 224 431 111**

[www.fnmotol.cz/en](http://www.fnmotol.cz/en)

## Private clinics

### Canadian Medical Centre

Veslavinska 1/30, 162 00 Prague 6

Tel.: **+420 235 360 133**

[www.cmcpraha.cz/en-US](http://www.cmcpraha.cz/en-US)

## Medicover

Na Perstýně 10, Prague 1

Tel.: **+420 234 630 111**

Mobile: **+420 603 555 006** (24h service)

English, German, French, Spanish, Russian.

## DC Medican Chodov

Chodov Šustova 1930 Prague 11

(Metro C line, Station Chodov);

Tel.: **+420 267 090 812**

## Pharmacies

Medicine (with or without prescription) can only be purchased at a pharmacy (**LÉKARNA**). There is a pharmacy near the CULS campus (Bus stop Internacionální, 10 min walk from the campus). You will find several pharmacies in Dejvice, Prague 6 (Vítězné náměstí, Dejvická 31, Na Hutích 13, Jugoslávských partyzánů 20) and there is a 24h service at pharmacies in downtown Prague (Opletalova - Prague 1; Na Příkopě - Prague 1; Štefánikova - Prague 5.) Pharmacies generally open Mon-Fri 8:00 AM - 6:00 PM; Sat 8:00 AM - 1:00 PM.

# PRACTICAL INFORMATION

## FINANCES

Currency: Koruna (plural koruny) or crown, abbreviated Kč (CZK in banks). Each crown is divided into 100 haléř or hellers. Bank notes (100, 200, 500, 1000, 2000, 5000 CZK) bear a forgery-resistant silver strip and several watermarks. Coins in use are 1, 2, 5, 10, 20 and 50 CZK.

Current prices: A meal at the cheapest pub will cost you around CZK 80 drinks not included. At a restaurant you pay 150 to 350 CZK for a complete menu. Drinks cost between CZK 25 and 75. Clothes cost more or less the same as in other EU countries. The price of a ticket to the cinema is from CZK 120 to 150, tickets to a concert cost between 350 and 1 800 CZK, tickets for an opera between 300 and 1 500 CZK. Hotel prices in Prague are relatively high, between 1 700 and 5 000 CZK a night. Renting a private room can also be quite expensive (7 000 - 14 000 CZK a month). The cheapest accommodation for incoming students is at the CULS Halls of Residence.

At several supermarkets in Prague it is also possible to pay in EUR (return money only in CZK)

## TRAVELING IN AND AROUND PRAGUE

### Public transports

The public transport system in Prague is very cheap and reliable. For information about schedules consult [www.mhd-praha.cz](http://www.mhd-praha.cz) or [dpp.cz](http://dpp.cz). You can buy tickets at automatic dispensers for 32 CZK or from the driver (only in buses and with a small surcharge. You must validate the ticket before starting your journey. Tickets are valid for 75 or 90 minutes. Monthly and quarterly (3 months) public transport travel passes can also be purchased at the CULS Shop (ground floor of the Mensa/Canteen). Upon presenting your ISIC card (see 2.). A monthly pass costs 260 CZK and a 3 months pass costs 720 CZK. For additional information please contact the International Relations Office (at your faculty or at the Rectorate).

### Taxis

Be careful if you take a taxi in Prague. Taxi drivers in Prague have a reputation of being notoriously dishonest. Avoid hailing a taxi or taking a taxi from a taxi stand. Telephone taxi companies are reliable. Here are some of them: **Green Prague:** [green-prague.cz](http://green-prague.cz); **City Taxi:** **+420 233 103 310**; **Halo Taxi:** **+420 244 114 411**. When phoning, ask for the price to your destination.

# PRACTICAL INFORMATION

## **Bike**

If you plan to bring your mountain bike, that's fine with us (be sure to bring a solid lock with you.) There's plenty of bicycle paths in the countryside around the campus.

## **Travelling outside Prague**

When you travel outside Prague you may use your own car (don't use your car in the city, it's not worth it) or the train, buses or eventually you may fly to your destination.

## **Train**

Consult schedules and destinations at [www.cd.cz](http://www.cd.cz) or [idos.cz](http://idos.cz). For international information phone: **+420 840 112 113**. Eurail Passes for students are popular with US students, who plan to visit other places in Europe as well. These passes must be bought in your country of origin. The Main Station is called Hlavní nádraží and you may reach it by Metro C (see public transport).

## **STUDENT ASSOCIATIONS**

### **Erasmus Student Network (ESN CULS Prague)**

A network of CULS students and volunteers, thrilled to meet new international people, and everyone coming to the Czech University of Life Sciences. ESN CULS Prague helps all the incoming students to settle down in the new environment and to meet new friends during many public events we organize. New in Prague? Don't know anyone yet? Want to meet new international friends? Join our events and subscribe to our Facebook Page!

Visit [esnculs.cz](http://esnculs.cz)

### **AIESEC**

AIESEC is the World's largest student-run organization. Active in over 1700 universities across more than 107 countries and territories, our international platform enables young people to explore and develop their leadership potential for them to have a positive impact in society. and partnership with business and higher education, AIESEC has over 60 years of experience in developing high-potential students into globally minded responsible leaders. AIESEC's innovative development process consists of unmatched leadership experiences international

# PRACTICAL INFORMATION

opportunities and a global learning environment. The CULS branch was founded in spring 2001 and has 12 active members.

Visit [www.aiesec.org](http://www.aiesec.org) or [www.aiesec.cz/czu](http://www.aiesec.cz/czu)

## **IAAS**

IAAS International Association of students in Agricultural and related Sciences (IAAS) is an international non-profit and non-governmental student society headquartered in Leuven, Belgium. It was formed to promote the exchange of knowledge and information among students and to improve the mutual understanding between countries and cultures.

Visit [www.iaas.cz](http://www.iaas.cz)

## **ELSA**

The Euroleague Student Association (ELSA) is an organisation in which students from each of the ELLS member and partner universities are working together to enhance student mobility as well as stimulate international cooperation and cultural understanding.

Visit [www.euroleague-study.org](http://www.euroleague-study.org)

The Department of Sports promotes several student sport clubs (visit [www.ktv.czu.cz](http://www.ktv.czu.cz))

**CULS Football Club**

**CULS Ski Club**

**CULS Swimming Club**

# UNIVERSITY FACILITIES

## SPORTS FACILITIES

CULS Sports Centre provides compulsory as well as optional courses in physical education, including winter and summer courses in the Czech Republic and abroad. Sporting Clubs organise, in co-operation with the Sports Centre, several competition and leisure-sports activities for students, staff, children and general public. There is an indoor 25m swimming pool with an outside beach and sauna, two gyms, a body-building centre, two volleyball courts, a beach-volleyball court, a clay tennis court, an indoor tennis hall, a multi-purpose artificial lawn area, a grass football field, and an athletics track. You may also hire equipment and there is a ski service at one of the dormitories. You will find out more if you go to [www.sportcentrum.czu.cz](http://www.sportcentrum.czu.cz) or contact the International Relations Office. The Department of Sports promotes several student sport clubs such as CULS Football Club, CULS Ski Club, CULS Swimming Club, etc.

## UNIVERSITY LIBRARY – STUDY AND INFORMATION CENTRE (SIC)

SIC houses the CULS central library, study and lecture rooms and a large Congress Hall, which serves as a venue for scientific conferences and symposiums. During the academic year lectures and courses are regularly held in the Congress Hall. At the ground floor of the SIC building you will find the Central Student Cash Desk (OPENING HOURS 8:00 – 12:00 & 13:00 – 15:00). There are ample study facilities with computer equipment on the premises of SIC, providing access to bibliographic databases and to the Internet. The Central University Library, now fully computerised, offers more than 100,000 volumes of scientific literature, textbooks and periodicals, which can be borrowed for home study. There is a cumulative catalogue of new acquisitions since 1990 available on line. The SIC has almost 400 titles of scientific journals and periodicals, most of which are available in the reading room. There is also a modern copy centre at your service in the library. SIC additionally supervises a two-shift operation of the computer laboratory at the JIH student dormitories for independent study.

## UNIVERSITY LIBRARY (SIC)

[www.sic.czu.cz/en](http://www.sic.czu.cz/en)

Opened Monday to Friday (closed on Saturday and on holidays)

Borrowing and returning books: 8:00 – 12:00 & 13:30 – 15:00

Large study and reading room (with access to internet): 8:00 – 20:00

Small study rooms: 9:00 – 18:00

Periodicals reading room: 8:00 – 12:00 & 13:30 – 15:00

Copy centre (room 236b): 8:00 – 12:00 & 13:30 – 15:00

Student Card centre: 8:00 – 12:00 & 13:30 – 15:00

## **Contacts**

Head of the library section Ms Helena Cedikova,

Tel.: **+420 224 384 013**

E-mail: [cedikova@sic.czu.cz](mailto:cedikova@sic.czu.cz)

## **UNIVERSITY FARM & FORESTRY ESTATE**

### **UNIVERSITY FARM (SZP Lany)**

The university farm in the village of Lany, about 30 km west of Prague, has nearly 3 500 hectares of land and a dairy with several hundred cows. It offers accommodation and teaching facilities for students from all Faculties and is used for practical training and research. Classes are held in groups with teachers from the main campus. Students can use the farm facilities for work connected with their diploma or dissertation thesis.

Visit [lany.cz/en](http://lany.cz/en)

### **UNIVERSITY FORESTRY ESTATE (SLP Kostelec n. C. I)**

The forestry estate is in Kostelec nad Cernymi Lesy, a small township 40 km east of Prague, comprises about 7 000 hectares of forests and 2 000 hectares of fish ponds. The central offices and teaching facilities are located in a Renaissance chateau from the 17th century. In close vicinity to the estate there is a large arboretum with several hundred species of rare trees and shrubs. Students may stay at the forestry estate for two to three weeks, after each semester. Accommodation is in the chateau, or near the chateau.

Visit [kostelec.czu.cz/en](http://kostelec.czu.cz/en)

# IMPORTANT CONTACTS

## POSTAL ADDRESS

ČESKÁ ZEMĚDĚLSKÁ UNIVERZITA V PRAZE  
CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE  
Kamýčká 129, Praha 6 - Suchbát  
165 00 Czech Republic

## CULS web pages

[www.czu.cz/en](http://www.czu.cz/en) - [is.czu.cz](http://is.czu.cz)

EU mobility programmes links  
Czech National Agency for European  
Programmes (ERASMUS, TEMPUS Etc.)

[www.naep.cz](http://www.naep.cz)

ERASMUS Agency in Brussels

[www.europa.eu.int](http://www.europa.eu.int)

[www.education.unesco.org](http://www.education.unesco.org)

[www.esn.org](http://www.esn.org)

## CENTRAL ADMINISTRATION OFFICES

### CULS INTERNATIONAL RELATIONS OFFICE

CULS Vice Rector for International Relations  
and 1<sup>st</sup> Vice Rector

**Professor Dr. Michal Lostak, PhD**

Phone: **+420 224 382 311**

E-mail: [lostak@pef.czu.cz](mailto:lostak@pef.czu.cz)

CULS Manager for Internationalisation

**Ing. Lukas Pospisil, PhD**

E-mail: [pospill@rektorat.czu.cz](mailto:pospill@rektorat.czu.cz)

Head of CULS IRO

Contact Person Euroleague for Life Sciences (ELLS)

**Bc. Jaromír Nemeč**

Phone: **+420 224 382 072**

Fax: **+420 234 381 817**

E-mail: [nemečjaromir@rektorat.czu.cz](mailto:nemečjaromir@rektorat.czu.cz)

Deputy Head of CULS IRO

ERASMUS+ Institutional Coordinator

ERASMUS+ Outgoing Students Coordinator

**Ing. Martina Vilimovska**

Phone: **+420 224 382 071**

E-mail: [vilimovska@rektorat.czu.cz](mailto:vilimovska@rektorat.czu.cz)

ERASMUS+ Incoming Students Coordinator

**Ing. Jitka Malatakova**

Phone: **+420 224 383 351**

Mobile: **+420 775 976 557**

E-mail: [malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

ERASMUS+ Outgoing Staff and Teacher Mobility  
Contact person ICA (Secretariat)

**Ing. Dana Vylupkova**

Phone: **+420 224 384 080**

E-mail: [vylupkova@rektorat.czu.cz](mailto:vylupkova@rektorat.czu.cz)

### CULS CENTRAL STUDY ADMIN OFFICE

**Ing. Marika Černa**

Head of CULS Study Administration Office

Phone: **+420 224 384 070**

E-mail: [cerna@rektorat.czu.cz](mailto:cerna@rektorat.czu.cz)

### CULS SCIENCE AND RESEARCH ADMINISTRATION OFFICE

**Ing. Ladislava Prazova**



Phone: **+420 224 382 074**  
E-mail: [prazova@rektorat.czu.cz](mailto:prazova@rektorat.czu.cz)

### **CULS WEBMASTER**

Director

**Ing. Petr Stepan**

Phone: **+420 224 386 335**  
E-mail: [pstepan@oikt.czu.cz](mailto:pstepan@oikt.czu.cz)

### **CULS PR &PRESS OFFICE**

**Bc. Jana Kasparova**

Phone: **+420 703 182 607**  
E-mail: [kasparova@rektorat.czu.cz](mailto:kasparova@rektorat.czu.cz)

### **INTERNATIONAL RELATION OFFICES AT FACULTIES AND INSTITUTES**

#### **Faculty of Agrobiolgy, Food and Natural Resources**

Vice Dean for International Relations

**Prof. Ing. Pavel Tlustos, CSc.**

Phone: **+420 224 382 780**  
E-mail: [tlustos@af.czu.cz](mailto:tlustos@af.czu.cz)

ERASMUS Coordinator

**Mgr. Marie Kafkova**

Phone: **+420 224 384 577**  
E-mail: [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)

#### **Faculty of Economics and Management**

Vice Dean for International Relations

**Assoc. Prof. Dr. Karel Tomsik, PhD**

Phone: **+420 224 382 297**

E-mail: [tomsik@pef.czu.cz](mailto:tomsik@pef.czu.cz)

Head of International Relations Office

**Ing. Jan Hucko, Ph.D.**

Phone: **+420 224 382 323**  
E-mail: [huckoj@pef.czu.cz](mailto:huckoj@pef.czu.cz)

ERASMUS Coordinator

**Ing. Daniel Dedina, Ph.D.**

Phone: **+420 224 382 323**  
E-mail: [dedina@pef.czu.cz](mailto:dedina@pef.czu.cz)

#### **Faculty of Forestry and Wood Sciences**

International Relations Office

Vice Dean for International Relations

**Prof. Ing. Robert Marusak, PhD.**

Phone: **+420 224 233 712**  
E-mail: [marusak@fld.czu.cz](mailto:marusak@fld.czu.cz)

ERASMUS Coordinator

**Ing. Katerina Navratilova**

Phone: **+420 224 384 871**  
E-mail: [navratilova@fld.czu.cz](mailto:navratilova@fld.czu.cz)

#### **Faculty of Environmental Sciences**

Vice Dean for International Relations

**Assoc. Prof. Martin Hanel, Ph.D.**

Phone: **+420 224 382 959**  
E-mail: [hanel@fzp.czu.cz](mailto:hanel@fzp.czu.cz)

# IMPORTANT CONTACTS

International Relations Director  
(for overseas and US students)

**Dr. Peter Kumble**

Phone: **+420 224 382 144**

E-mail: [kumblep@fzp.cz](mailto:kumblep@fzp.cz)

ERASMUS Outgoing Students Coordinator  
Head of IRO

**Ing. Aneta Kremova**

Phone: **+420 224 383 685**

E-mail: [kremova@fzp.cz](mailto:kremova@fzp.cz)

ERASMUS Incoming Students Coordinator

**Mgr. Jitka Rendlova**

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E-mail: [rendlova@fzp.cz](mailto:rendlova@fzp.cz)

## Faculty of Engineering

Vice Dean for International Relations

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ERASMUS Coordinator

**Lucie Mareckova**

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E-mail: [mareckoval@tf.cz](mailto:mareckoval@tf.cz)

## Faculty of Tropical AgriSciences

International Relations Office

**Dr. Petra Chaloupkova, PhD**

Phone: **+420 224 382 496**

E-mail: [chaloupkova@ftz.cz](mailto:chaloupkova@ftz.cz)

ERASMUS Coordinator

**Ing. Jana Hummelova**

Phone: **+420 224 382 496**

E-mail: [hummelova@ftz.cz](mailto:hummelova@ftz.cz)

## Institute of Education and Communication

Deputy Director  
and International Students' Coordinator

**Ing. Barbora Jordanova**

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E-mail: [jordanova@ivp.cz](mailto:jordanova@ivp.cz)



# STUDY PROGRAMMES IN ENGLISH

## ACADEMIC YEAR 2018 – 2019

### FACULTY OF AGROBIOLOGY FOOD AND NATURAL RESOURCES

35

- BSc Sustainable Use of Natural Resources
- BSc Agriculture and Food
- MSc Natural Resources and Environment
- MSc Natural Resources Management and Ecological Engineering
- MSc Sustainable Agriculture and Food Security

### FACULTY OF TROPICAL AGRISCIENCES

59

- BSc International Cooperation in Agriculture and Rural Development
- MSc Sustainable Rural Development in Tropics and Subtropics
- MSc Tropical Forestry and Agroforestry
- MSc Animal and Food Sciences in Tropics and Subtropics
- MSc Wildlife Management in Tropics and Subtropics
- MSc Tropical Crop Management and Ecology
- MSc International Economic Development

### FACULTY OF ECONOMICS AND MANAGEMENT

82

- BSc Economics and Management
- BSc Business Administration
- BSc Informatics
- MSc Economics and Management
- MSc Informatics
- MSc European Agrarian Diplomacy
- MSc Business Administration

### FACULTY OF ENVIRONMENTAL SCIENCES

104

- BSc Environmental Engineering **NEW**
- BSc GIS and Remote Sensing **NEW**
- MSc Environmental Modelling
- MSc Nature Conservation
- MSc Landscape Planning
- MSc Environmental Geosciences

### FACULTY OF FORESTRY AND WOOD SCIENCES

59

- BSc Forestry
- MSc Forestry, Water and Landscape Management

### FACULTY OF ENGINEERING

125

- BSc Agricultural Engineering
- MSc Technology and Environmental Engineering



**Choose  
a focus**

## Bachelor in SUSTAINABLE USE OF NATURAL RESOURCES (SUNR, ATN)

This BSc program provides a theoretical background focusing on the sustainable use of natural resources and protection of the environment. Emphasis is given on the understanding of the interaction between components of the biosphere, agriculture, horticulture, and landscape design. Students will obtain a general overview about the economic and legal context of the environment.

Graduates can work as specialists in international institutions focused on the protection of natural resources, obtain junior positions in companies working in the field of waste management, work in controlling organizations dealing in environmental protection and use of natural resources, or work in NGOs.

Profile subjects: geology, soil science meteorology, hydrology, waste management, landscape and urban design.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme director:**

**Prof. Ing. Svatopluk Matula, CSc.**

**E-mail:** [matula@af.czu.cz](mailto:matula@af.czu.cz)

**ERASMUS & Exchange students coordinator:**

**Mgr. Marie Kafková**

**Phone:** +420 224 384 577

**Fax:** +420 234 381 801

**E-mail:** [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **81 000 CZK per academic year.**

## Syllabus BSc Sustainable Use of Natural Resources

Programme Code B4147

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
TAA11E	Applied Mathematics	5
TBA03E	Applied Physics	6
AEA01E	Zoology	6
ACA09E	Inorganic and Analytical Chemistry	6
APA35E	Fundamentals of Geology	5
AWA49Z	Practical training (5 days)	5
	Foreign Language	5
RTX12Z	Physical Training (Sport)	1
ACA07E	Organic Chemistry	4
AEA32E	Principles of Agroecology	6
ABA14E	General and Special Agricultural Botany	5
AWA49Z	Practical training (5 days)	3
	Foreign Language	2
AEA29E	Excursions, field training (2 days)	2
RTX12Z	Physical Training (Sport)	1
<b>2<sup>nd</sup> year</b>		
APA38E	Soil Science	6
AMA11E	Fundamentals of Microbiology	6
EEA14E	Fundamentals of Economics 1	5
AAA27E	Agricultural Systems	5
AAA25E	Basic Meteorology	6
ARA31E	Plant Production and Environment	6
ASA22E	Animal Production and Environment	6
*)	Compulsory optional subject I*)	
*)	Compulsory optional subject I*)	
AUA26Z	Specialised Practice (25 days)	6
AWA26Z	Practical Bachelor Training (5 days)	5
AWA26Z	Bachelor Thesis	5

	Compulsory optional subjects I	
APA37E	Applied Cartography	6
ATA23E	Fundamentals of Turf and Lawn Management	5
AZA66E	Fundamentals of Landscape Architecture	4
LHX01E	Fundamentals of Forest Management	4
ATA23E	Fundamentals of Turf and Lawn Management	5
AZA66E	Fundamentals of Landscape Architecture	4
	3 <sup>rd</sup> year	
AIA07E	Hydrology and Hydrogeology	6
AIA07Z	Excursion 1 day	1
AZA67E	Fundamentals of Orchards and Urban Design	6
AHA33E	Waste Handling	6
AZA68E	Establishment and Maintenance of Greenery	5
AWA27Z	BSc Thesis (0/5)	5
**)	Compulsory optional subjects II*)	
	Fully Optional subject **)	
AHA30Z	Excursion and Field Training (2 days)	2
	Fully optional subject**)	
	Fully optional subject**)	
AWA27Z	BSc Thesis (0/5)	5
	Compulsory optional subjects II	
AGA44E	Fundamentals of Genetics	6
EEE43E	EU Integration Process in Agriculture	5
EUA03E	Trade and Commerce	5
EEA16E	Environmental Economics	5
AZA21E	Fundamentals of Vegetables, Edible Mushrooms and Sprouts Production	4
AGA44E	Fundamentals of Genetics	6

\*) chosen subjects from list of Compulsory optional subjects I

\*\*\*) chosen subjects from list of Compulsory optional subjects II or other subjects taught in English at the University.



## Subjects of BSc State Examination (SE)

Corridor	Subjects of the corridor
Theory of Natural Resources	Basic Meteorology Soil Science Fundamentals of Microbiology Hydrology and Hydrogeology
Use of Natural Resources	Fundamentals of Orchards and Urban Design Plant Production and Environment Animal Production and Environment Waste Handling
Defence of the Bachelor Thesis	

## Bachelor in AGRICULTURE AND FOOD (AF, ATA)

The BSc study program in Agriculture and Food represents the first level of university studies. The concept of the program allows scientific understanding of biological principles of agriculture, orientation in current agricultural technology, and obtaining basic knowledge on the quality and processing of agricultural products and food. The first half of the studies is focused on applied sciences and relationships between the environment and agricultural practices in both crop and animal production. In the second part of the study program, the students are encouraged to use their developing knowledge and skills to identify practical problems of the production systems to meet the production, economic and environmental goals, as well as the quality of agricultural products and food safety. Graduates obtain a very comprehensive and wide background which provides flexibility on the labour-market or running of their own business.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme Director:**

**Doc. Ing. Pavel Klouček, Ph.D.**

**E-mail:** [kloucek@af.czu.cz](mailto:kloucek@af.czu.cz)

**Student Affairs:**

**Marie Kafková**

**Phone:** +420 224 384 577

**Fax:** +420 234 381 801

**E-mail:** [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **81 000 CZK per academic year.**

## Syllabus BSc Agriculture and Food

Programme Code B4161

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
AAA25E	Basic Meteorology	6
AEA01E	Zoology	6
ACA09E	Inorganic and Analytical Chemistry	6
AIA17E	Fundamentals of Geology and Hydrogeology	6
AMA11E	Fundamentals of Microbiology	6
AWA49Z	Practical training (5 days)	5
	Foreign language	2+3 (5)
RTX16Z	Physical training	1
ACA07E	Organic Chemistry	6
AAA29E	Fundamentals of Agroecology	4
ABA14E	General and Special Agricultural Botany	6
TFA03E	Agricultural Machinery	6
AWA49Z	Practical Training	3
AEA29Z	Excursions, Field Training	2
RTX12Z	Physical training	1
<b>2<sup>nd</sup> year</b>		
APA38E	Soil Science	6
AVA42E	Biological Principles of Livestock Breeding	6
EEA17E	Business Economics	5
AAA27E	Agricultural Systems	5
AOA28E	Fundamentals of Plant Protection	5
AHA38E	Plant Nutrition	6
ARA31E	Plant Production and Environment	6
AKA30E	Animal Nutrition	6
ASA22E	Animal Production and Environment	6
AGA44E	Fundamentals of Genetics	6
AUA26Z	Specialized Practice	6
AWA26Z	BSc Thesis	5

3 <sup>rd</sup> year		
ALA30E	Animal Husbandry and Ethology	6
AZA09E	Horticulture	6
ARA45E	Field Crop Technology	5
	Compulsory Optional Subject *)	
	Compulsory Optional Subject *)	
AQA31E	Quality and Processing of Animal Products	6
ASA46E	Livestock Production	6
AQA32E	Quality and Processing of Plant Products	6
ATA26E	Forage Crop Production and Pasture Management	6
AWA26Z	BSc. Thesis	5+5
AHA30Z	Excursion and Field Training	2
List of compulsory optional subjects		
APA37E	Applied Cartography	6
AZA66E	Fundamentals of Landscape Architecture	4
AZA67E	Fundamentals of Orchards and Urban Design	6
AZA68E	Establishment and Maintenance of Greenery	5
AZA66E	Fundamentals of Landscape Architecture	4
AZA21E	Fundamentals of Vegetables, Edible Mushrooms and Sprouts Production	4

\*) chosen subjects from list of Compulsory optional subjects I

**Subjects of BSc State Examination (SE)**

<b>Corridor</b>	<b>Subjects of the corridor</b>
Crop and Soil Management	Agricultural Systems Field Crop Technology Quality and Processing of Plant Products
Animal Husbandry and Production	Animal Husbandry and Ethology Livestock Production Quality and Processing of Animal Products
Defence of the Bachelor Thesis	

## Master in NATURAL RESOURCES AND ENVIRONMENT (AMN)

Branch: 4106T008

*NOTE: The MSc “Natural Resources and Environment” is a Double Degree (DD) study programme organised with the University of Natural Resources and Life Sciences Vienna, Austria (BOKU)*

The MSc program offers theoretical and applied knowledge about the sustainable use and management of natural resources (soil, water, and air) and the positive as well as negative influence of agriculture and forestry on these resources. As the program is fully taught in English graduates can work in international companies and governmental institutions focused on protection of the environment.

ERASMUS exchange students at MSc level can enrol for one or two semesters of studies, however are not eligible for the DD study option, taught at the University of Natural.

**ERASMUS students apply through the CULS ERASMUS Incoming students’ coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz).

**Programme duration:** 2 years (120 ECTS)

**Programme director:**

**Prof. Ing. Svatopluk Matula, CSc.**

E-mail: [matula@af.czu.cz](mailto:matula@af.czu.cz)

**ERASMUS & Exchange students’ coordinator:**

**Mgr. Marie Kafková**

**Phone: +420 224 384 577**

**Fax: +420 234 381 801**

E-mail: [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **81 000 CZK per academic year.**

## Syllabus MSc Natural Resources and Environment

Programme code N4153

Branch: 4106T008 - NATURAL RESOURCES AND ENVIRONMENT (AMN)

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ACA06E	Environmental Analytical Chemistry	6
AAA19E	Advanced Meteorology	6
AMA09E	Agri and Environmental Microbiology	6
AGA47E	Experimental Design and Statistics	5
AEA17E	Agricultural Ecology	4
ZBX03E	Water Resources Management	6
<b>Compulsory Optional Subject I</b>		
APA19E	Soil and Chemical Relationship	6
AIA04E	Soil and Water Relationship	6
AIA24Z	Field Training	2
AHA17E	Soil and Plant Relationship	6
<b>Compulsory Optional Subject I</b>		
AUA59Z	Practical Diploma Training	5
AIA04Z	Excursion*)	1
AWA64Z	MSc. Thesis	6
<b>2<sup>nd</sup> year</b>		
APA21E	Soil Conservation and Protection	6
AIA05E	Hydrogeology for NRE	6
AIA05Z	Excursion (1 day)	1
<b>Fully Optional Subject ***)</b>		
<b>Fully Optional Subject ***)</b>		
<b>Fully Optional Subject ***)</b>		
AWA63Z	MSc. Thesis	5
<b>Compulsory Optional Subject II</b>		
<b>Compulsory Optional Subject I</b>		
AWA63Z	MSc. Thesis	5

	List of compulsory Optional Subject I	
AIA08E	Hydrology for NRE	6
AIA13E	Crop and Irrigation Systems Management	6
AIA08E	Hydrology for NRE	6
AIA13E	Crop and Irrigation Systems Management	6
AIA12E	Survey for Soil and Water Relationship	6
	List of Compulsory optional subjects II	
ZBA06E	Water in Landscape	6
AIA10E	Hydrometeorology	6
APA22E	Soil Taxonomy, Survey and GIS	6
AIA10E	Hydrometeorology	6
ZBA06E	Water in Landscape	6
	Fully optional subjects	
AEA22E	Aquaculture	5
ACA12E	Biochemistry	6
AWX01E	Czech Language and Culture	3
AOA30E	Diseases of Crops of Temperate Climates	5
LRX06E	Environmental Economics	5
AQA25E	Food Quality and Food Safety	5
AOA28E	Fundamentals of Plant Protection	5
AOA29E	General Phytopathology for NRE	5
AFA06E	Harmonisation and Planning of Agricultural Landscape	5
ATA17E	Management of Turf and Lawn	5
ADA21E	Poultry Management	5
AFA07E	Rural Areas in Architecture of Settlements and Landscape	5
AQA28E	Sensory Analysis of Agri Products	5
AWA69Z	MSc. Thesis – Joint Degree	10
ACA11E	Advanced Organic Chemistry	6
TBT05E	Agro-materials	6
ARA42E	Alternative Agriculture	5
AGA02E	Animal Genetics	6
AWX01E	Czech Language and Culture	3
AQA25E	Food Quality and Food Safety	5



ZGA01E	Hydroinformatics	6
AEA38E	Ichthyology	6
AZA36E	Landscaping	6
ATA17E	Management of Turf and Lawn	5
AEA20E	Parasitology	6
AVX02E	Reproductive Biology and Endocrinology	6
EHI03E	Rural Development	5
AQA28E	Sensory Analysis of Agri Products	5
AFA08E	Studio-creation of public green spaces	5
AIA18E	Summer School Soil and Water	7
AWA65Z/E	Project	7
AWA69Z	MSc Thesis – Double Degree	10

\*) Chosen subjects from Compulsory optional subjects I

\*\*) Chosen subjects from compulsory-optional subjects II or other subjects taught in English at the University.

\*\*\*) Chosen subjects from fully optional subjects

## Subjects of BSc State Examination (SE)

Corridor	Subjects of the corridor
Soil and Environment	Soil and Chemical Relationship Soil and Plant Relationship Soil Conservation and Protection
Water and Environment	Hydrogeology for NRE Water in Landscape Soil and Water Relationship
Defence of the Bachelor Thesis	Advanced Meteorology Agricultural and Environmental Microbiology Agricultural Ecology

## MSc in Natural Resources Management and Ecological Engineering (AMM)

Natural Resources Management and Ecological Engineering (NARMEE) as a joint degree (JD) program follows the double degree program Natural Resources and Environment (NRE) which has been successfully taught in cooperation with BOKU Vienna. The programme is drawn up to enable students to get best level of knowledge and skills by taking specific subjects at CULS or BOKU and combining them. Students can freely choose optional and fully optional subjects from the offer of both universities.

For students and their future engagement there are important practical subjects focused on the protection and remediation of soils, waste water treatment, GIS, or management of protected areas. Program includes practice, excursions and semester projects.

The diploma thesis (DT) has to be completed under supervision of the supervisor of home university and co-supervisor from the partner university. Defence of the DT takes place at the home university in front of the commission composed of teachers from both universities.

ERASMUS+ exchange students at MSc level can enrol for one or two semesters of studies, however are not eligible for the JD study option, taught at the University of Natural Resources and Life Sciences Vienna (they cannot choose subjects and courses taught in Vienna; these subjects have fully numeric codes, while the subjects taught on CULS have codes starting with three letters).

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme director at CULS Prague:**

**Prof. Dr. Ing Luboš Borůvka**

**E-mail: [boruvka@af.czu.cz](mailto:boruvka@af.czu.cz)**

**ERASMUS & Exchange students' coordinator:**

**Mgr. Marie Kafková**

**Phone: +420 224 384 577**

**Fax: +420 234 381 801**

**E-mail: [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)**

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **81 000 CZK per academic year.**

## Syllabus N4164 – NATURAL RESOURCES MANAGEMENT AND ECOLOGICAL ENGINEERING (AMM)

Programme code N4164

Branch: 4106T038

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
	1 <sup>st</sup> year	
ACA06E	Environmental Analytical Chemistry	6
AGA47E	Experimental Design and Statistics	5
AAA19E	Experimental Design and Statistics	6
	Agri and Environmental Microbiology	6
AMA09E	Agricultural Ecology	4
AEA17	Water Resources Management	6
AHA17E	Soil and Plant Relationship	6
AIA04E	Soil and Plant Relationship	6
	Compulsory Optional Subject I	
	Compulsory Optional Subjects	
	Fully Optional Subjects	
AIA24Z	Field Training (2 days)	2
AWA64Z	MSc Thesis	6
AIA04Z	Excursion (1 day)	1
	2 <sup>nd</sup> year	
AUA59Z	Practical Diploma Training* (20 days)	5
	Compulsory optional subjects	
	Fully optional subjects	
AWA63Z	MSc. Thesis	
AUA59Z	Practical Diploma Training* (20 days)	5
AWA63Z	MSc. Thesis	7
	Compulsory Optional Subjects	
AMA09E	Agri and Environmental Microbiology	6
APZ03E	Environmental Soil Science	5
	Soil and Environmental Chemistry	Min. 6
APA19E	Soil and Chemical Relationship	6

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APA19E	Soil and Chemical Relationship	6
771.304	Environmental Chemistry	4.5
811.357*	Biology, Chemistry and Microbiology for Civil Engineering	3.0
811.357*	Biology, Chemistry and Microbiology for Civil Engineering	2
	Soil Conservation and Protection	Min. 12
APA21E	Soil Conservation and Protection	6
815.321	Soil Conservation and Soil Protection	3.0
815.322	Soil Erosion Models and their Application	4.5
AHA39E	Environment Pollution and Remediation	6
911.318	Ecology and Management of the Rhizosphere in Ecological Engineering	4.5
911.320	Risk Management by Soil Protection and Remediation	1.5
874.300	Soil- bioengineering techniques (slopes & gullies)	2.5
911.317	Soil Properties and Processes for Ecological Engineering	2
911.319	In-situ Treatment of Polluted Soils and Sediments: Phytoremediation, In-situ Fixation and Attenuation Techniques	3
APA22E	Soil Taxonomy Survey and GIS	6
	Soil and Water	Min. 12
AIA05E	Hydrogeology for NRE	6
816.335	Introduction Soil Hydrological Processes	1.5
815.311	Simulation in Vadose Zone Environment	3.0
AIA12E	Survey for Soil and Water Relationship	6
AIA08E	Hydrology for NRE	6
AIA13E	Crop and Irrigation Systems Management	6
815.306	Applied Soil Physics	
816.347	Application of GIS in Hydrology and Water Management	3.0
AIA12E	Survey for Soil and Water Relationship	6
AIA08E	Hydrology for NRE	6
AIA13E	Crop and Irrigation Systems Management	6
	Water Resources Management	Min. 10
ZBX03E	Water Resources Management	6
ZBA06E	Water in Landscape	6
816.338	Water Resources Planning and Management	3.0
811.356	Water Supply and Wastewater Treatment	3.0
811.362	On Site Solutions for Water Supply and Sanitation	3.0

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816.342	Possible Impacts of Climate Change on Water Resources	2
811.332	Water Resources Management in Developing Co-operation	2
811.358	Planning and Design in Water Supply and wastewater Treatment	2
811.363	Industrial Water Management	2
813.359	Waste Recycling and Composting	2
Ecology and Forest Science		Min. 10
AEA17E	Agricultural Ecology	4
832.321	BOKU International Wildlife Lectures	3.0
914.306	Assessing Diversity in Forest Stands	3.0
ZEX01E	Biodiversity	6
ZEX09E	Conservation Biology	6
LDX21E	Classification of Vegetation	6
ZEX06E	Plants Ecology and Conservation	5
ZEX07E	Non-forest Vegetation	6
LHX17E	Forest Management	6
732.333	Innovations for sustainable Forest Management	3.0
LPX25E	Forest Ecology	6
LPX01E	Forest Ecology and Management	5
LPX24E	Forest Management in Air Polluted Areas	6
832.321	BOKU International Wildlife Lectures	2
ZEX05E	Animals Ecology and Conservation	5
LDX21E	Classification of Vegetation	6
ZEX06E	Plants Ecology and Conservation	5
ZEX07E	Non-forest Vegetation	6
LPX25E	Forest Ecology	6
732.318	Forest Policy Analysis	3.0
732....	Mountain Forest Policy	4.0
Management of Natural Resources		Min. 10
871.305	Integral Risk Management	3.0
913.302	Decision Support Systems	3.0
913.311	Multiple Criteria Decision Making in Natural Resource Management	3.0
857.320	Remote Sensing and GIS in Natural Resource Management	3.0
857.321	Remote Sensing and GIS in Natural Resource Management	3.0
ZGX04E	GIS for Nature Conservation	5

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ZBX10E	Landscape Planning	6
832.312	(Eco-) tourism & Management of Protected Areas	3.0
ZEX04E	Ecosystems Conservation and Management	5
ZUX03E	Wetlands Conservation and Management	6
871.304	Hazard and Risk Assessment	4.5
915.327	Project Management	3.0
911.320	Environmental Risk Analysis and Management	3.0
	Policy and Economics	Min. 10
732.346	Social Studies of Risk	3.0
732.326	Institutions and Policies of the EU (Introduction to the Law and Politics of the European Union)	3.0
EHI03E	Rural Development	5
EJE21E	Law in EU	5
731.324	Resource and Environmental Economics	3.0
731.328	Valuation Methods for Natural Resources (Economic Valuation of Market Goods and Natural Resources)	3.0
731.330	International Trade and Environment	3.0
731.331	WTO and International Environmental Agreements	3.0
731.335	Sustainable Business Strategies	3.0
731.347	Regional Economics and Regional Governance	3.0
731.348	Managerial Economics	
LRX06E	Environmental Economics	5
731.333	Globalisation and Rural Development	3.0
834.321	Biocultural Diversity in Rural Landscapes	3.0
832.302	Human Dimensions in Wildlife Research & Management	1.5
735.329	Decision Making in Management with Special Emphasis on Cultural Differences	3.0
	Language	Min. 5
	Foreign Language	2+3
	Foreign Language	2+3
	Optional Subjects - specialisation	
811.354	Case Studies in Sanitary Engineering	3.0
911.322	Role of Soils in Nature Conservation and Wildlife Management	1.5
APA17E	Modelling in Soil Science	6
APA20E	Pedometrics and Digital Soil Mapping	6

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731.351	Applied Mathematical Programming in Natural Resource Management	
731.369	Computer Simulation in Energy and Resource Economics	3.0
731.335	Game Theory in Environmental and natural Resource Management	3.0
811.360	Modelling in Sanitary Engineering (Sewer, Treatment Plant + Receiver)	4.5
AVA39E	Cell Biology	5
ABA15E	Plant Physiology	5
871.322	Science of Natural Mountain Disasters	4.5
816.336	Integrated Flood Risk Management	3.0
AIA10E	Hydrometeorology	6
ZUL03E	Landscape and Ecological Applications	6
ZEX03E	Ecological Data Processing	6
AOA29E	General Phytopathology for NRE	5
LOX12E	Forest Protection	6
ATA17E	Management of Turf and Lawn	5
ZEX02E	Conservation Genetics	6
ZBX09E	River Restoration	6
816.332	Computer Based River Modelling	3.0
915.344	Technology Assessment	3.0
APA20E	Pedometrics and Digital Soil Mapping	6
816.340	Ecologically Oriented Methods and Monitoring in River Engineering	3.0
ACA11E	Advanced Organic Chemistry	6
912.324	Fire Ecology – Vegetation and Wildlife	1.5
871.319	Protection and Mitigation Measures against Natural Hazards	4.5
ZGA01E	Hydroinformatics	6
AIA10E	Hydrometeorology	6
832.311	More Recent Conflict Species in Wildlife Management	1.5
ZEX03Z	Conservation at the Global Scale	3
ZOX01Z	Paleo-ecology	3
ATA17E	Management of Turf and Lawn	5
ZBA01E	Drainage and Irrigation Systems	6
816.339	Sediment Regime and River Morphology	3.0
Optional Subjects – others		
AEA22E	Aquaculture	5
AEA38E	Ichthyology	6

731.325	International Commodity Markets and Trade Policy	3.0
AWX01E	Czech Language and Culture	3
735.322	Global Networking	
933.302*	Protection of Natural Resources by Organic Farming**	3.0
ARA35E	Alternative Agriculture	5
ADA21E	Poultry Management	5
AOA30E	Diseases of Crops of Temperate Climates	5
AQA25E	Food Quality and Food Safety	5
852.316	Global Design Studio	6.0
TBT05E	Agro-materials	6
AEA20E	Parasitology	6
AEA22E	Aquaculture	5
731.327	Principles of Empirical Research Methods in the Social Sciences	3.0
AWX01E	Czech Language and Culture	3
ADA27E	Rabbit Production	5
AOA30E	Diseases of Crops of Temperate Climates	5
AQA25E	Food Quality and Food Safety	5



## Subjects of MSc State Examination (SE)

Corridor	Subjects of the corridor
Soil Properties and Conservation	Soil and Chemical Relationship or equivalent Soil Conservation and Protection or equivalent
Water Resources and Management	Soil and Water Relationship Hydrology for NRE or equivalent Hydrogeology for NRE or equivalent Water Resources Management or equivalent
Atmosphere, Biosphere and Environment	Advanced Meteorology or equivalent Soil and Plant Relationship Agricultural Ecology or equivalent Forest Ecology or equivalent Agricultural and Environmental Microbiology or equivalent

NOTE: For latest information on subjects taught in the programme NARMEE at BOKU Vienna in academic year 2018-2019, please contact the programme director (see above).

## Master in SUSTAINABLE AGRICULTURE AND FOOD SECURITY (SAFS, AMA)

*NOTE: The MSc "Sustainable Agriculture and Food Security" is a Double Degree (DD) study programme organised with INP Toulouse, France (Agrofood Chain)*

The MSc course is intended to provide students with a detailed understanding of the sustainability of agriculture and food production. The students will be able to determine key characteristics and processes in agricultural systems, and critically evaluate the production, environmental, and social aspects. Deep knowledge of sciences including biochemistry, plant and animal physiology, and others allows their further scientific growth and/or understanding, and the identification of areas for application of advanced technology in agriculture and food production. The wide offering of optional subjects allows students deep specialization in the area of interest. Graduates are well suited to leading careers in various profit and non-profit institutions and governmental offices, international agri-food companies and enterprises, as well as in research institutions.

The program is drawn up to enable students to obtain the best level of knowledge and skills by taking specific subjects at CULS Prague or INP Toulouse and combining them. The Diploma thesis (DT) has to be completed under the supervision of the supervisor of the home university and co-supervisor from the partner university.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 years (120 ECTS)

**Programme Director:**

**doc. Ing. Pavel Klouček, Ph.D.**

E-mail: [kloucek@af.czu.cz](mailto:kloucek@af.czu.cz)

**ERASMUS & Exchange students' coordinator:**

**Mgr. Marie Kafková**

**Phone: +420 224 384 577**

**Fax: +420 234 381 801**

E-mail: [kafkova@af.czu.cz](mailto:kafkova@af.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **81 000 CZK per academic year.**

**Syllabus N4163 – SUSTAINABLE AGRICULTURE  
AND FOOD SECURITY (AMA)**
**Programme code N4163**

Branch: 4106T036


 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ACA12E	Biochemistry	6
ABA15E	Plant Physiology	5
AVA43E	Animal Physiology	5
AGA47E	Experimental Design and Statistics	5
AIA15E	Agricultural Water Management	6
AIA15Z	Excursion (1 day)	1
Compulsory Optional Subject I *)		
AHA17E	Soil and Plant Relationship	6
ASA47E	Livestock Management	6
ACA13E	Food Chemistry	6
Compulsory Optional Subject I *)		
AUA59Z	Practical Diploma Training	5
AWA64Z	MSc. Thesis	6
<b>2<sup>nd</sup> year</b>		
AQA25E	Food Quality and Food Safety	5
ACA06E	Environmental Analytical Chemistry	6
ARA46E	Crop Management Systems	6
Compulsory Optional Subject II		
AVA44E	Management of Reproduction in Livestock	6
AWA63Z	MSc Thesis	5
AZA36E	Landscaping	6
EHI03E	Rural Development	5
AKA34E	Food, Beverages and Dietary Supplements	5
ARA42E	Alternative Agriculture	5
AQA03Z	Excursion	1
Compulsory Optional Subject II		
AWA63Z	MSc. Thesis	5

Compulsory optional subjects I		
APA21E	Soil Conservation and Protection	6
AAA30E	Weed Science	6
AIA13E	Crop and Irrigation Systems Management	6
AKA01E	Animal Feeding	6
AOA30E	Diseases of Crops of Temperate Climate	5
ACA11E	Advanced Organic Chemistry	6
AEA38E	Ichthyology	6
AEA20E	Parasitology	6
AVI06E	Reproductive Biology and Endocrinology	6
Compulsory optional subjects II		
AGA48E	Plant Breeding and Seed Production	6
ATA17E	Management of Turf and Lawn	5
ADA21E	Poultry Management	5
AEA22E	Aquaculture	5
LRX06E	Environmental Economics	5
ARA44E	Aromatic, Medicinal and Spice Plants	5
ATA17E	Management of Turf and Lawn	5
AIA14E	Hydropedology and Groundwater Protection	6
AIA14Z	Excursion (with AIA14E)	1
ADA21E	Soil Taxonomy Survey and GIS	6
AQA27E	Milk and Dairy Products Quality and Processing	6
AQA28E	Sensory Analysis of Agricultural Products	5
ADA27E	Rabbit Production	5

\*) Excursion strictly connected with AIA15E Agricultural Water Management

\*\*) Excursion strictly connected with AIA14E Hydropedology and Groundwater Protection

**Subjects of MSc State Examination (SE)**

<b>Corridor</b>	<b>Subjects of the corridor</b>
Crop Sciences	Plant Physiology Soil and Plant Relationship Crop Management Systems
Animal Sciences	Animal Physiology Livestock Management Management of Reproduction in Livestock
Food Quality and Safety	Food Chemistry Food Quality and Food Safety Food, Beverages and Dietary Supplements

## Bachelor in INTERNATIONAL COOPERATION IN AGRICULTURE AND RURAL DEVELOPMENT (ICARD)

International Cooperation in Agriculture and Rural Development (ICARD) is a three-year Bachelor programme. The programme is designed as the first level of the university education of future professionals in international technical assistance projects in rural development and agriculture. It has been created in accordance with the needs of agricultural development, environmental protection and at the same time the need to tackle poverty and ensure food security in developing countries. In order to teach students how to prepare, manage and evaluate development projects, the study programme includes: Development of extensive knowledge and skills necessary to the fields of project management, international communication and human resources management in multicultural environments

- Background training in biological disciplines oriented to agricultural production.
- Obligatory training in non-profit organizations, government institutions and private companies dealing with international development or investment projects in developing countries

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme director:**

**Assoc. Prof. Jan Banout, Ph.D.**

**Phone: +420 224 384 187**

**Fax: +420 234 381 829**

**E-mail: [banout@ftz.czu.cz](mailto:banout@ftz.czu.cz)**

**ERASMUS & Exchange students' coordinator:**

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## Syllabus BSc International Cooperation in Agriculture and Rural Development (ICARD)

Programme Code B 4157

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
IBI10E	Introduction to International Development	5
IBI04E	Geography of World Agriculture	5
ENI05E	Fundamentals of Economics I.	5
IZI39E	Introduction to Tropical Agriculture	4
ITI04E	Community Natural Resource Management in Tropics	5
IXI19Z	Orientation Meeting	0
ELX03E	English Language - min. B1	2
RTX12Z	Physical Training	1
IBI07E	Information Sources of Information and Databases	4
EHIA4E	Essentials of Sociology	5
ENI06E	Fundamentals of Economics II.	5
TAI10E	Mathematics	5
ETI1AE	Informatics	5
ITI07E	Appropriate Rural Technologies	5
ELX03E_2	English Language - B1	3
RTX12Z	Physical Training	1
2 <sup>nd</sup> year		
IIE23E	Agricultural Market Information and Services	5
ESI07E	Statistics	5
ITI08E	Food Security in Developing Countries	5
IRI14E	Tropical Agricultural Systems	5
IXI20Z	Bachelor Thesis - Assignment	2
IBI01Z	Scientific Seminar	1
ITI02E	Project Management and Planning in Developing Countries	
IBI03Z	Operational Practical Training I. (2 weeks)	2
	Other foreign languages	2
IBI11E	Agriculture and Resource Economics	5
IRI28E	Tropical Crop Production	5

# FACULTY OF TROPICAL AGRISCIENCES

IUI66E	Personal Security and Risk Management	5
IZI23E	Introduction info Animal Husbandry	5
IBI08E	Non-Governmental Organizations	5
IBI03Z	Operational Practical Training I. (2 weeks)	2
	Other foreign languages	2
3 <sup>rd</sup> year		
IBI13E	Human Resources in Multicultural Environment	2
IBI12E	Development Project Monitoring and Evaluation	5
IBI04Z	Expert Block	2
IRI30E	World Ecosystems	5
IBI15E	Global Economy and Poverty Alleviation	5
IBI14E	Agricultural Project Administration and Logistic	5
IZI36E	Human Nutrition and Prevention of Food-Borne Diseases	5
IBI02Z	Scientific seminar	1
IXI21Z	Bachelor Thesis Submission	13
3 <sup>rd</sup> year optional subjects		
IZI37E	Animal Hygiene and Prevention of Animal Diseases in TS	5
IZI34E	An Introduction to Wildlife Management	5
IBI03Z	Operational Practical Training (4 weeks)	5
IRI34E	Plantation Crops	5
ITI01Z	Technical Drawing and Basics of PC Graphics	4
IRI37E	Molecular and In Vitro Techniques	5
IBI05E	Communication in Development Cooperation	3
IRI08E	Agroforestry	5

(\*\*\*) Subject codes to be determined



## Master in SUSTAINABLE RURAL DEVELOPMENT IN TROPICS AND SUBTROPICS

This programme has been designed for graduates of the BSc programme Agricultural Specialisation, or BSc graduates with a solid background in biology, mathematics, agricultural or environmental sciences. The programme focuses on rural engineering, water and natural resources management, environment conservation and agricultural production, crop and animal production in the tropics and subtropics, rural economy, food and non-food technologies, education of rural population in developing countries and alternative energy resources. The acquired advanced knowledge and skills will enable the students to manage sustainable utilization of natural resources, including local human and energy resources, alternative agricultural production, non-traditional food production and processing industries and the profit from available services. The graduates have sound professional knowledge of agricultural and environmental technology, using of renewable energy resources, farm management, and project management, management of organizations and principles of socio-economic sciences. They understand theories, concepts and methods relevant to sustainable development in tropical rural areas. Graduates will be well prepared for leading positions in management of rural communities in developing countries of the tropical and subtropical regions, rural educational systems and research in relevant sectors of rural economy. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:** Assoc. Prof. Jan Banout, Ph.D.

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**E-mail:** [banout@ftz.czu.cz](mailto:banout@ftz.czu.cz)

**ERASMUS & Exchange students' coordinator:**

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Sustainable Rural Development in Tropics and Subtropics

Programme code N4106

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
ESI06E	Applied Statistics	5
IEI03E	Development and Poverty Reduction Strategies	5
IXI01Z	Diploma Thesis - Assignment	2
IUI04E	Introduction to Engineering	5
IUI24E	Management of Energy Resources in TS	5
IXI02E	Orientation Meeting	0
IUI62Z	Scientific Seminar – Setting Research Questions	1
IXI03Z	Diploma Thesis - Research Design	3
IUI54E	Global Food Security	5
IAI11E	Human Nutrition and Prevention of Food-borne Diseases	5
IUI14E	Rural Sociology and Demography in DC	5
IUI63Z	Scientific Seminar	2
Optional subjects (*)		
AEA22E	Aquaculture	5
IEI06E	Marketing of TS Products	5
IEI26E	Monitoring and Evaluation	5
IEI01E	Principles of Development Institutions and Organizations	5
IUI69E	Project Management and Planning	5
APA21E	Soil Conservation and Protection	6
ZBX03E	Water Resources Management	6
IUI11E	First Aid for Development Workers	2
IUI70E	Focus Group Discussion	5
ICI12E	Management of Sub-tropical Land-Use Systems	4
IUI53E	Quality, Storage and Processing of Meat Products	5
IUI66E	Personal Security and Risk Management	4
EHI03E	Rural Development	5
RTX11Z	Summer Sports	1

2 <sup>nd</sup> year		
IXI04Z	Diploma Thesis - Data Analysis	5
IEI02E	Economics of Farming Systems	5
IUI16E	Environmental Engineering Technology	5
IUI01Z	Practical Training	5
IUI51E	Renewable Energy for Food Processing	5
IUI64Z	Scientific Seminar	1
IXI05Z	Diploma Thesis - Submission	15
IUI52E	Principles of Food Preservation	5
IUI65Z	Scientific Seminar	1
IXIN1Z	State Final Exams	
Optional subjects (*)		
IEI18E	Fairtrade and Ethical Business in International Trade	4
RTX10Z	Winter Sports	1
ICI29E	Quality, Storage and Processing of Plant Products	5
IEI23E	Agricultural Market Information and Services	5
IUI62E	Organic Waste Management in TS	5

(\*) Optional subjects: Please consult with study programme directors for availability

## Master in INTERNATIONAL DEVELOPMENT AND AGRICULTURAL ECONOMICS

The MSc programme International Economic Development has been designed for graduates of the BSc programme Agricultural Specialisation, or for BSc graduates with a solid background in economics, international relations and agricultural or environmental sciences. The programme offers advanced studies in management and international cooperation with developing countries and meets the goals of the Millennium Development Programme (MDP), approved by the UN General Assembly in September 2000. Students acquire advanced knowledge and professional skills as well as critical awareness of the problems relating to their area of studies and interactions with other areas, such as development economics, international trade and marketing, econometrics, sociology, rural development, project management, rural extension and international financing. Graduates will be well prepared for a professional career in developing countries, in the agro-industry sector, in the service sector, in the processing industry, in education and jobs related to international and non-governmental organizations. Their specialised knowledge is enhanced by basic knowledge of international developmental organizations and NGO, microfinancing, specifics of regional studies of African, Asian and Latin American regions, international law, diplomacy and other social sciences. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme organisation:** Faculty of Tropical AgriSciences [www.ftz.czu.cz](http://www.ftz.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**doc. Dr. RNDr. Ing. Tomas Ratering, Ph.D.**

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ERASMUS & Exchange students' coordinator:

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **7000 CZK per academic year.**

## Syllabus MSc in International Development and Agricultural Economics

Programme code N4106

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
IEI03E	Development and Poverty Reduction Strategies	5
IXI01Z	Diploma Thesis - Assignment	2
EEI01E	Econometrics	5
IEI22E	International Finance - Theory and Policy	5
IEI06E	Marketing of TS Products	5
IXI02Z	Orientation Meeting	0
IEI01E	Principles of Development Institutions and Organizations	5
IEI19Z	Scientific Seminar	1
ICI30E	Tropical Crop Production	5
IEI17E	Agriculture Policy	5
IEI05E	Developing Countries in International Trade	5
IXI03Z	Diploma Thesis - Research Design	3
ICI06E	Economic Botany	5
IEI20Z	Scientific Seminar	2
Optional subjects (*)		
IUI11E	First Aid for Development Workers	2
IUI70E	Focus Group Discussion	3
IUI54E	Global Food Security	5
IUI12E	Management of Sub-(tropical) Land - Use Systems	5
IUI62E	Organic Waste Management	4
IUI66E	Personal Security and Risk Management in Development Projects	5
IUI52E	Principles of Food Preservation	1
IEI25E	Quantitative Methods in Development Economics	4
EHI03E	Rural Development	2
IUI14E	Rural Sociology and Demography in DC	5
RTX11Z	Summer Sports	1
IUI11E	First Aid for Development Workers	2
IUI70E	Focus Group Discussion	3
IUI54E	Global Food Security	5

2 <sup>nd</sup> year		
IXI04Z	Diploma Thesis - Data Analysis	5
IEI02E	Economics of Farming Systems	5
IAI41E	Resource Ecology: Soil-Plant-Animal Interactions	5
IEI21Z	Scientific Seminar	1
IEI24E	Management in International Development	5
IEI22Z	Scientific Seminar	1
IEI25Z	Practical Training	5
IXI05Z	Diploma Thesis - Submission	15
IXIN1Z	Final State Exam	0
Optional subjects (*)		
IEI18E	Fair Trade and Ethical Business in International Trade	5
IEI27E	Microfinancing and Rural Economics	4
IEI26E	Monitoring and Evaluation	1
IUI61E	Rural Communication and Extension	
RTX10Z	Winter Sports	
EJI01E	International Law	5

(\*) Optional subjects: Please consult with study programme directors for availability

## Master in TROPICAL CROP MANAGEMENT AND ECOLOGY

The MSc study programme is open for BSc graduates with a strong background in crop management and/or ecology. Subjects include agroforestry, fruit production and viticulture, as well as core subjects such as botany, chemistry and agriculture ecology. Emphasis is given on advanced studies in crop production and environmental impact in tropical and subtropical agroecosystems. Students acquire advanced knowledge in production, processing and commercialization of tropical and subtropical crops, agroecological systems of farming in tropical and subtropical areas as well as scientific disciplines dealing with biodiversity, genetic resources, protection and conservation of tropical and subtropical plant ecosystems. They can use certain research methods and apply various exact procedures based on advanced theoretical knowledge of biology, genetics, physiology, plant protection etc. Students of "Tropical Crop Management and Ecology" will be well prepared for their professional career in tropical and subtropical countries in the fields of agronomy and agroecology. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

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**Fax: +420 234 381 829**

**e-mail: [hummelova@ftz.czu.cz](mailto:hummelova@ftz.czu.cz)**

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**



## Syllabus MSc in Tropical Crop Management and Ecology

Programme code N4106

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
	1 <sup>st</sup> year	
ICI05E	Agroforestry	5
ICI01E	Cereals and Pulses	5
IXI01Z	Diploma Thesis - Assignment	2
IXI02Z	Orientation Meeting	0
ICI16E	Plant Breeding and Genetic Resources Conservation	5
ICI03E	Special Crops	5
ICI04E	Tropical Phytocoenoses	5
IXI03Z	Diploma Thesis - Research Design	3
ICI08Z	Diploma Thesis Seminary	2
ICI06E	Economic Botany	5
ICI07E	Tuber, Oil and Fibre Crops	5
	Optional subjects (*)	
AMI02E	Agricultural and Environmental Microbiology	6
ICI28Z	Agroforestry Systems	3
IAI40E	Biodiversity Conservation and Protected Areas	5
ZGX02E	GIS	5
ICI13Z	Tropical Dendrology	3
ICI08E	Bioactive Natural Compounds	4
IUI70E	Focus Group Discussion	3
ZBX08E	Irrigation and Drainage	6
ICI12E	Management of Sub-(tropical) Land - Use Systems	6
ICI02E	Plant Tissue Culture	5
LPX20E	Silviculture	6
LPX01Z	Silviculture in TS	3
AHI02E	Soil and Plant Relationship	6
RTX11Z	Summer Sports	1

2 <sup>nd</sup> year		
ICI25E	Fruit Production and Viticulture	5
ICI26E	Tropical Horticulture and Floriculture	5
IXI04Z	Diploma Thesis - Data Analysis	5
ICI19E	Tropical Pastures and Fodder Crops	5
ICI20E	Vegetable Production	5
ICI09Z	Diploma Thesis Seminary	2
IXI05Z	Diploma Thesis - Submission	15
IXIN1Z	State Final Exam	
Optional subjects (*)		
AEA17E	Agricultural Ecology	5
IUI60E	Farm Machinery for Plantation Crops	5
ICI29E	Quality, Storage and Processing of Plant Products	5
API03E	Soil Conservation and Protection	6
LLL71E	Forest Ecology	6
ZBX03E	Water Resources Management	6
AOA28E	Fundamentals of Plant Protection	5
RTX10Z	Winter Sports	1
IUI62E	Organic Waste Management	5

(\*) Optional subjects: Please consult with study programme directors for availability

## Master in WILDLIFE MANAGEMENT IN TROPICS AND SUBTROPICS

The master study programme offers graduates from bachelor programmes (preferably with a strong background in animal sciences) postgraduate education in the field of biodiversity conservation and management of wild animals in tropics and subtropics. Studies focus on improving theoretical knowledge in the main educational areas, as well as on practical farm management, ranching, management of development projects oriented to biodiversity conservation, management of wild animals and sustainable use of natural resources in tropics and subtropics. Graduates have a critical awareness of the problems relating to their area of study, and interactions with other areas, such as zoology, physiology, genetics and ethology. They have advanced knowledge of the principles of animal science as well as conservation. They acquire professional skills in the field of wildlife management in tropical and subtropical areas and systems support. They are able to make decisions as heads of creative teams at the intermediate and top management level. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**Assoc. Prof. RNDr. Pavla Hejčmanová, Ph.D.**

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Wildlife Management in Tropics and Subtropics

Programme code N4106

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
	1 <sup>st</sup> year	
IAI40E	Biodiversity Conservation and Protected Areas	5
IXI01Z	Diploma Thesis - Assignment	2
IAI25E	Tropical Zoology	5
IXI02Z	Orientation Meeting	0
IAI42E	Processing and Interpretation of Biological Data	5
IAI32Z	Scientific Seminar	1
ICI04E	Tropical Phytocoenoses	5
IAI10E	Behavioural Ecology	5
IAI13E	Breeding of Indigenous Animals Species in Tropics	5
IXI03Z	Diploma Thesis - Research Design	3
IAI32Z	Scientific Seminar	1
IAI26E	Wildlife Feeding in TS	5
IAI01Z	Wildlife Management Fieldwork	2
	Optional subjects (*)	
AEA22E	Aquaculture – Mgr.	5
ICI05E	Agroforestry	5
IAI58E	Tropical herpetology	3
IAI41E	Resource Ecology: soil – plant – animal interactions	5
IAI34E	Animal Census and Monitoring	3
IAI57E	Deer biology and production	4
IUI70E	Focus Group Discussion	3
IAI11E	Human Nutrition and Prevention of Food-Borne Diseases in TS	5
IUI52E	Principles of Food Preservation	5
AVI06E	Reproductive Biology and Endocrinology - Mgr.	6
RTX11Z	Summer Sports	1
IAI55E	Wild and ZOO Animals Capture and Care	5

2 <sup>nd</sup> year		
IAI27E	Molecular ecology	5
IAI05E	General Epizootiology and Prevention of Animal Diseases in TS	5
IAI29E	Game Ranching	5
IAI31Z	Scientific Seminar	1
IXI05Z	Diploma Thesis - Data Analysis	5
ZGX02E	GIS I (Taught in English)	5
IAI36E	Game Utilization in Tropics	5
IAI33Z	Scientific Seminar	1
IXI05Z	Diploma Thesis - Submission	15
IXIN1Z	State Final Exam	
Optional subjects (*)		
IAI35E	Adaptations of Animals in Tropics	4
IAI54E	Animal Food Additives	3
IAI14E	Husbandry of Pigs, Poultry and Rabbits	3
AVI07E	Management of Livestock - Mgr.	5
RTX10Z	Winter Sports	1
IAI60E	Tropical Bovids Husbandry Guidelines	3
ICI19E	Tropical Pastures and Fodder Crops	5
IUI53E	Quality, Storage and Processing of Meat Products	5
IAI04E	Husbandry of Camelids, Equids and Elephants	3
IAI65E	Antelope use and conservation	3

(\*) Optional subjects: Please consult with study programme directors for availability

## Master in TROPICAL FORESTRY AND AGROFORESTRY

This MSc study programme has been designed for BSc graduates in Forestry and Agricultural Specialisation. BSc graduates with a solid background in biology, forestry and environmental sciences, desiring to acquire advanced professional knowledge in forest management in tropics and subtropics are of course welcomed. Erasmus exchange students at MSc level can enrol for one or two semesters. The students studying courses of TFA are prepared for their professional missions in tropical and subtropical countries in the field of forest management, agroforestry and wood science. A great emphasis is also put on the field of agriculture and rural development, which is very often closely connected with forest management. Students will get the basic knowledge about the whole agro-forestry sector in these countries, and also the bases of sustainable use and protection of tropical forest. The graduates should be able to practically use this knowledge to the development of sustainable forestry in the third world countries.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

### **Programme organisation:**

The programme is jointly organised by the Faculty of Forestry and Wood Sciences (FFWS) [www.fld.czu.cz](http://www.fld.czu.cz) and the Faculty of Tropical AgriSciences (FTA) [www.ftz.czu.cz](http://www.ftz.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

### **Programme directors:**

**Assoc. Prof. Mgr. Jan Sobotnik, Ph.D. (FFWS)**

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**Assoc. Prof. Ing. Bohdan Lojka, Ph.D. (FTA)**

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Tropical Forestry and Agroforestry

Programme code N4107

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
ICI05E	Agroforestry	5
IXI01Z	Diploma Thesis - Assignment	2
LHX02E	Forest Management in TS	5
IXI02E	Orientation Meeting	0
ZGX09E	Remote Sensing	4
ICI03E	Special Crops	5
ICI13Z	Tropical Dendrology	3
ICI04E	Tropical Phytocoenoses	5
LZX02E	Wood Science	5
LLX05E	Classification of Vegetation	6
IXI03Z	Diploma Thesis - Research Design	3
ICI06E	Economic Botany	5
LDX01E	Forest Dendrology, Genetics and Tree Breeding	5
LLX02E	Forest Ecology	5
LTX08E	Surveying	6
2 <sup>nd</sup> year		
ICI28Z	Agroforestry Systems	3
IXI04Z	Diploma Thesis - Data Analysis	5
LOX01Y	Forest Protection in TS	3
ZGX02E	GIS	5
LTX02E	Harvesting, Timber Transport and Wood Processing	5
ZBL02E	Irrigation and Drainage	6
ZBX03E	Water Resource Management	6
LPX01Z	Silviculture in TS	3
IXI05Z	Diploma Thesis - Submission	15
IXIN1Z	State Final Exam	



Optional subjects (*)		
IAI40E	Biodiversity Conservation and Protected Areas	5
IEI02E	Economics of Farming Systems	5
LHX03E	Forest Inventory	5
LPX21E	Special Forest Plantations	6
RTX10Z	Winter Sports	1
IUI62E	Organic Waste Management	5
ICI12E	Management of Sub-(tropical) Land - Use Systems	4
ICI02E	Plant Tissue Cultures	5

(\*) Optional subjects: Please consult with study programme directors for availability

## Bachelor in ECONOMICS AND MANAGEMENT

The BSc study programme Economics and Management is designed for prospective students desiring to acquire undergraduate university education as economists and managers in an English speaking environment. Graduates of this programme will acquire standard theoretical knowledge in the areas of general economics and management theory, as well as in agricultural economics, enterprise economics, finance, financing, accounting and management. They will learn to understand concepts and methods that correspond with job requirements for executive positions in production, services, commerce, public administration, finance and insurance sectors. They will also acquire basic knowledge of the fundamentals of law, fundamentals of statistics, operation research and informatics. Their knowledge will be enhanced with the fundamentals of animal production, fundamentals of psychology, political science, sociology and philosophy. Graduates will be qualified for employment at various posts in management, trade, accountancy, banking, in private firms and state institutions. The diverse nature of agri-business sector also provides many career opportunities. Graduates are well prepared for the follow up MSc programme "Economics and Management". Erasmus exchange students at BSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme organisation:** Faculty of Economics and Management [www.msc.pef.czu.cz](http://www.msc.pef.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme director:**

[Ing. Jan Hučko, Ph.D.](#)

**Phone:** +420 224 382 313

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**ERASMUS & Exchange students' coordinator:**

Ing. Daniel Dědina. Ph.D.

Phone: +420 224 382 906

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **15000 CZK per academic year.**

## Syllabus BSc in Economics and Management

Programme code B6208

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
EAE59E	Mathematics	5
EHE06E	Politology	5
AHA29E	Agricultural Systems I	5
EPEC6E	Psychology	5
ETE26E	Informatics	5
EXE31Z	Introduction to Study	1
ELX67E	English for Academic Purposes	2
RTX16Z	Physical Education	2
EAE60E	Mathematical Methods for Economics	5
ESE51E	Mathematical Methods for Statistics	5
ALE02E	Agricultural Systems II	5
EHEA7E	Science, Philosophy and Society	5
ETE4AE	Information Technologies	5
ELX69E	English for Business	2
RTX17Z	Physical Education	2
2 <sup>nd</sup> year		
ENE45E	Microeconomics	5
EEEB5E	Empirical Research in Economics	5
ESE49E	Statistics I	5
EEER2E	Economics of Agrarian Sector	5
EHEA6E	Qualitative Methods	5
ELE34E	Foreign Language French	2
ELE35E	Foreign Language German	2
ELE36E	Foreign Language Spanish	2
ELE37E	Foreign Language Czech	2
ENE46E	Macroeconomics	5
ESE50E	Statistics II	5
EUE50E	Trade and Commerce	5

ERET7E	Theory of Management	5
ENE38E	Financial Economics	5
ELE34E	Foreign Language French	3
ELE35E	Foreign Language German	3
ELE36E	Foreign Language Spanish	3
ELE37E	Foreign Language Czech	3
EXE23Z	Bachelor Thesis	5
3 <sup>rd</sup> year		
ETE49E	Information Systems	5
EEED2E	Enterprise Economics	5
ERET6E	Human Resources Management	5
ERET5E	Marketing Management	5
EEEE2E	Environmental Economics – Optional Subject	5
EREE1E	Natural Resources Management – Optional Subject	5
EXE24Z	Bachelor Thesis	5
EHE01E	Rural Sociology	5
EUE51E	Theory of Accounting	5
EJE33E	Fundamentals of Law	5
EXE14Z	Bachelor thesis	10
EXE13Z	BSc Practice	5
Fully Optional Subjects (open for BSc students in 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> years)		
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5
EEEF8E	Natural Resource and Energy Economics	5
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5

## Bachelor in INFORMATICS

Information technology has become an integral part of modern life. There is an ever increasing demand for qualified IT specialists for enterprises, public and private administration and government agencies. The BSc programme “Informatics” gives prospective students a unique chance of acquiring undergraduate university education and corresponding professional skills for employment in the IT sector. Graduates of this programme are well prepared for more advanced studies in the MSc study programme “System Engineering and Informatics”. LLP Erasmus exchange students at BSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students’ coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme organisation:** Faculty of Economics and Management [www.msc.pef.czu.cz](http://www.msc.pef.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme director:**

[Ing. Jan Hučko, Ph.D.](#)

**Phone:** +420 224 382 313

**E-mail:** [huckoj@pef.czu.cz](mailto:huckoj@pef.czu.cz)

**Programme Administrator:**

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**ERASMUS & Exchange students’ coordinator:**

[Ing. Daniel Dědina, Ph.D.](#)

**Phone:** +420 224 382 906

**E-mail:** [dedina@pef.czu.cz](mailto:dedina@pef.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **15000 CZK per academic year.**

## Syllabus BSc in Informatics

Programme code B6209

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
EIE55E	Introduction to Principles of Computers	5
ETEA1E	Algorithm Development	5
EREP8E	Management Theory	5
EAE55E	Mathematical Logic and Graphs	5
EJE37E	Fundamentals of Juridical Sciences	5
EXE31Z	Introduction to studies	1
ELE33Z	English for IT (1/2)	2
RTX12Z	Physical Training (Sports)	2
EIE56E	Computer Architecture	5
ETEA2E	Programming	5
EIE95E	Object Modelling	5
EAE57E	Mathematics	5
EPEC3E	Psychology of Personality and Social Psychology	5
ELE33Z	English for IT	3
RTX12Z	Physical Training (Sports)	2
<b>2<sup>nd</sup> year</b>		<b>ECTS</b>
EIE36E	Database Systems	5
ENE41E	General Economics	5
EIE67E	Component-based SW Development	5
EAE56E	Applied Mathematics for IT	5
	Optional Subjects 1.	5
ELE34E	Foreign Language French (1/2)	2
ELE35E	Foreign Language German (1/2)	2
ELE36E	Foreign Language Spanish (1/2)	2
ELE37E	Foreign Language Czech (1/2)	2
ETE2AE	Operating Systems and Computer Networks	5
ETE1AE	Markup Languages	5
ESE48E	Statistics	5

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EAE58E	Operations Research and Systems Analysis	5
	Optional Subjects 2.	5
ELE34E	Foreign Language French	3
ELE35E	Foreign Language German	3
ELE36E	Foreign Language Spanish	3
ELE37E	Foreign Language Czech	3
	Bachelor Thesis	5
	3 <sup>rd</sup> year	
EIE69E	UNIX Operating Systems	5
ETE3AE	Web Design	5
EEEI2E	Economics for Entrepreneurs	5
EUE42E	Fundamentals of Accounting	5
	Optional Subject 3.	5
	Bachelor Thesis	5
EIEA3E	Software Engineering	5
EAE61E	Project Management Methods	5
ESE52E	Statistical Software Systems	5
	Bachelor Practice	5
	Bachelor Thesis	10
	Optional Subjects	
	Optional Subjects 1.	
EIE70E	a. Human – computer Interaction	See above
EAE56E	b. Applied Mathematics for IT	
	Optional Subjects 2.	
ETE5AE	a. e-Government	
ETE18E	b. Enterprise Information Systems	See above
	Optional Subjects 3	
ETE64E	Mobile Software Development	See above
ETE62E	Data Protection	
	Fully Optional Subjects (open for BSc students in 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> years)	
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5
EEEF8E	Natural Resource and Energy Economics	5
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5



## Bachelor in BUSINESS ADMINISTRATION

The BSc study programme of Business Administration is designed for prospective students desiring to acquire undergraduate university education in an English speaking environment. Graduates of this programme will have acquired standard theoretical knowledge in the areas of general economics and management theory, as well as in commercial and civil law, accounting, psychology and ethics in business, politics, business economics, investment and financing.

The study programme prepares students for a career in business activities where they can apply their training in economics and management. Graduates will be qualified for employment at various posts in management, trade, accountancy, banking, in private firms and state institutions. They will be well versed in market environment and in the administration and management of all types of business. Graduates are well qualified to work both at home and abroad in local and regional government administration or organisations, as well as in private enterprise.

They will learn to understand concepts and methods that correspond with job requirements for positions in administration, management, commerce and marketing. The diverse nature of agribusiness sector also provides many career opportunities. Graduates can progress the follow up MSc programmes.

The study programme is taught entirely in English. Faculty of Economics of CULS Prague cooperates with leading European universities, such as University College Cork, Wageningen University, Newcastle University, Humboldt University in Berlin, the University of Plymouth, the University of Malaya Kuala Lumpur, ISCTE Business School, the University of Guelph, the University of Missouri, Chonnam National University and others. Foreign lecturers from partner universities are involved in organizing and teaching in this programme.

### **Admission regulations:**

Electronic application for degree students of this study programme is available at [prijimacky.czu.cz](https://prijimacky.czu.cz). Signed application forms must be submitted together with confirmation of payment to

the Study Office (Students who have completed secondary education in the Czech Republic or students must have their diploma recognised) or International Relations Office (International Students applying to Lifelong Learning Programme - students without recognition of diploma) before 31. March 2018

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme organisation:** Faculty of Economics and Management [www.msc.pef.czu.cz](http://www.msc.pef.czu.cz)

**Programme duration:** 3 years (180 ECTS)

**Programme Director:**

[Ing. Jan Hučko, Ph.D.](#)

**Phone:** +420 224 382 313

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**Programme administration:**

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**ERASMUS & Exchange students' coordinator:**

[Ing. Daniel Dědina, Ph.D.](#)

**Phone:** +420 224 382 906

**E-mail:** [dedina@pef.czu.cz](mailto:dedina@pef.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **32000 CZK per academic year.**

## Syllabus BSc Business Administration

Programme code B6202

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
EAE68E	Mathematics	5
EHEA7E	Science, Philosophy and Society	5
AHA29E	Agricultural Systems I	5
ETEB3E	Information and Communication Technologies	5
EJE41E	Essentials of Juridical Sciences	5
EXE31Z	Introduction to Study	1
ELX67Z	English for Academic Purposes	2
RTX12Z	Sports	2
EAED8E	Mathematical Methods for Economics I	5
EPEC9E	Psychology of Personality and Communication	5
ALE02E	Agricultural Systems II	5
ETE4BE	Internet Technologies	5
EJE42E	Commercial and Civil Law	5
ELX69E	English for Business Purposes	3
RTX12Z	Sports	2
<b>2<sup>nd</sup> year</b>		
EAE70E	Mathematical Methods for Economics II	5
ENE49E	Economics I	5
ESE53E	Statistics I	5
EUEB1E	Accounting Theory	5
EAED9E	Planning and Project Management	5
See below	Foreign Language	2
EHEA0E	Political Science	5
ENE50E	Economics II	5
ESE54E	Statistics II	5
EUEB2E	Accounting for Entrepreneurs	5
ETE8AE	E-Commerce and Business	5
See below	Foreign Language	3

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EXE23Z	Bachelor Thesis I	5
	3 <sup>rd</sup> year	
EPEE1E	Psychology and Ethics in Business	5
EREQ4E	Management Skills	5
EEEE7E	Agrarian Sector Economics	5
EUEB3E	Theory of Trade	5
EEEI4E	Investment and Long Term Financing	5
EXE24Z	Bachelor Thesis II	5
EEEE7E	Business Economics	5
EREQ5E	Management Theory	5
ETE49E	Information Systems	5
EXE14Z	Bachelor Thesis III	10
EXE13Z	BsC internship	5
	Foreign language	
ELE34E	French language	See above
ELE35E	German language	See above
ELE36E	Spanish language	See above
ELE37E	Czech language for foreigners	See above
	Fully Optional Subjects (open for BSc students in 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> years)	
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5
EEEF8E	Natural Resource and Energy Economics	5
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5

## Master in ECONOMICS and MANAGEMENT

The study programme is open for students having BSc degrees in Economics or Business. The most important consideration for applicants is an interest in continued study and intensive research in some area of economics with the minimum of prerequisites for admission to the programme. A strong background in economics and quantitative methods and good command of both written and spoken English are the most important prerequisites for applicants. Graduates are well equipped for national and international positions in the civil service sector, banking, research institutes and international development institutions. They also have good career prospects as managers in business and agribusiness. ERASMUS exchange students at MSc level can enrol for one or two semesters of studies.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

NOTE: The MSc in Economics and Management is a Double Degree (DD) Study Programme with EU partner Universities (Cranfield University UK, Wageningen University NL, Grenoble Business School, France, Catholic University Lyon, France). Local degree students have the option to study for a specific time period at CULS and at one of the above-mentioned partner universities (generally studies at a partner university last 1 semester or max. 1 academic year) and graduate with 2 university degrees – 1 from CULS Prague and 1 from one of the EU partner universities. DD studies are not open for exchange students, but only for degree students (complete MSc diploma studies). The DD study option is not available for ERASMUS exchange students.

**Programme organisation:** Faculty of Economics and Management [www.studyinenglish.cz](http://www.studyinenglish.cz)

**Programme duration:** 2 years (120 ECTS)

**Programme director:**

Ing. Jan Hučko, Ph.D.

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**Programme administrator:**

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**ERASMUS & Exchange students' coordinator:**

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **32000 CZK per academic year.**

## Syllabus MSc in Economics and Management

Programme code N6208

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
EEE63E	Economics of Industries (Sector Economics)	5
EEE64E	Econometric Modelling (EM)	5
EHEA2E	Methods of Social Research EM	5
ENE24E	Corporate Finance	5
EREZ5E	Business Management	5
ETE8E	ICT for Managers	5
EEEB1E	Economic Policy	5
ERE25E	Human Resource Management EM	5
EXE16Z	Diploma Thesis Work Credit I	5
<b>Compulsory optional subjects</b>		
EAE24E	Decision Support Systems	5
EEE68E	Environmental Economics	5
EHEA3E	Rural Development	5
ELX55E	English for business purposes C 1	5
ELX57E	English for academic purposes C 1	5
ENE61E	General Economics	5
ETE44E	IT for e-business	5
EUE01E	Accounting	5
<b>2<sup>nd</sup> year</b>		
EEEB4E	Diploma Thesis Seminar	5
EXE18Z	Diploma Thesis Work Credit II	5
EEEA1E	World Economy	5
EREB2E	Marketing EM	5
EEE46E	Economics of Enterprises (MSc. - EM)	4
EREB4E	Strategic Management EM	4
<b>Compulsory optional subjects</b>		
EEEE1E	EU Integration	5
EEEE2E	Trade Theory and Foreign Trade	5

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EIE18Z	Management Information Systems	5
EPE16E	Psychology of Organisation and Behaviour at Work	5
ERE32E	Co-operative business EM	5
ESE23E	Statistical Seminar	5
EEEE3E	Quantitative Methods in Macroeconomics	4
EEEE4E	Social Economy	4
EJE21E	Modern Law in the EU	4
ENE34E	International Finance	4
ERE27E	Business Strategy EM	4
ETE45E	Computer Security	5
	Defence of Diploma Thesis	14
	Fully Optional Subjects (open for MSc students in 1 <sup>st</sup> and 2 <sup>nd</sup> )	
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5
EEEF8E	Natural Resource and Energy Economics	5
EEET2E	Economics of Brewing Industry	5
EEEG7E	History of Economic Theories	5



## Master in INFORMATICS

The study programme is open for students with a BSc degree in a relevant subject area and for students desiring to acquire advanced knowledge and professional skills in Systems Engineering and Informatics Management. Graduates of this programme are qualified to understand and apply advanced principles of logical and functional programme and have detailed knowledge of object approach to a data flow analysis of user needs analysis and of the object design and implementation of information systems. They understand advanced principles on the basis of enterprise and geographical information systems design, modern methods for internet application design, methods of information tools and data collections quality measurement and are able to evaluate quality on the objective level. Graduates will be well prepared for leading positions in the ICT sector and well equipped for national and international positions in the sectors of banking, commercial enterprises, public administration, research institutes and multinational firms. Erasmus exchange students at MSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

[Ing. Jan Hučko, Ph.D.](#)

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**ERASMUS & Exchange students' coordinator:**

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Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **20000 CZK per academic year.**

## Syllabus MSc in Informatics

Programme code N6209

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
EXE31Z	Introduction to Study	0
EIE28E	Theoretical Foundation of Informatics	5
EJE46E	Legal Aspects of Informatics	5
EEEB8E	Econometrics Modelling for ICT	5
ESE34E	Statistical Data Analysis	5
ETE50E	Computer Networks	5
EIE27E	Projecting of IS	5
EIT73Z	ICT Management	5
EIE53E	Object and Rational Databases	5
EIE31E	<b>B</b> Artificial Intelligence	5
EIE54E	<b>B</b> Spatial Data Processing	5
ESE35E	<b>A</b> Statistical Methods of Data Mining	5
ETE40E	<b>A</b> IS Security	5
EXE18Z	Diploma Thesis Work Credit I	5
(**)	Optional Course	5
2 <sup>nd</sup> year		
EAE45E	IT Projects Management	5
EIE32E	Systems Integration	5
EREF8E	Grammar and Languages (I.T.)	5
EIE49E	<b>B</b> Information Engineering	5
ETE52E	<b>A</b> Internet Technologies - Client Side	5
EXE18Z	Diploma Thesis Work Credit II	5
(**)	Optional Course	5
EAE24E	<b>B</b> Decision Support Systems	4
EEEF9E	Prognostic Methods	4
EIE50E	IS Quality Assessment	4
ETE53E	<b>A</b> Internet Technologies - Server Side	4
(**)	Optional course	4
	Diploma Thesis Defence and Final State Examination	14

**A** Specialisation – Network and internet technologies

**B** Specialisation – Knowledge systems

## Master in BUSINESS ADMINISTRATION

The study programme is open for students having BSc degrees in Business Administration or Economics. The most important consideration for applicants is an interest in continued study and intensive research in some area of business with the minimum of prerequisites for admission to the programme. The programme gives the students the capability of evaluating the complexity of the business area by providing them with analytical tools for key decision-making processes. The further aim of the programme is to foster future leaders and professionals in business area at the international scale. Graduates are well equipped for national and international positions in the civil service, banking, research institutes, and private development institutions. They also have career prospects as managers in business. LLP ERASMUS exchange students at MSc level can enrol for one or two semesters of studies.

The study programme is taught entirely in English. Faculty of Economics of CULS Prague cooperates with leading European universities, such as University College Cork, Wageningen University, Newcastle University, Humboldt University in Berlin, the University of Plymouth, the University of Malaya Kuala Lumpur, ISCTE Business School, the University of Guelph, the University of Missouri, Chonnam National University and others. Foreign lecturers from partner universities are involved in organizing and teaching in this programme.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

NOTE: The MSc in Business Administration is a Double Degree (DD) Study Programme with EU partner Universities (Cranfield University UK, Wageningen University NL, Grenoble Business School, Catholic University Lyon, both France). Local degree students have the option to study for a specific time period at CULS and at one of the above mentioned partner universities (generally studies at a partner university last 1 semester or max. 1 academic year) and graduate with 2 university degrees – 1 from CULS Prague and 1 from one of the EU partner universities.

Electronic application for degree students of this study programme is available at [prijimacky.czu.cz](http://prijimacky.czu.cz). Signed application forms must be submitted together with confirmation of payment to the Study Office (Students who have completed secondary education or bachelor degree in the Czech Republic or students who have finished nostrification) or International Relations Office (International Students applying to Lifelong Learning Programme - students without completed nostrification/diploma recognition) before 31. March 2019

**Programme organisation:** Faculty of Economics and Management [www.msc.pef.czu.cz](http://www.msc.pef.czu.cz)

**Programme duration:** 2 years (120 ECTS)

**Programme director:**

[Ing. Jan Hučko, Ph.D.](#)

**Phone:** +420 224 382 313

**E-mail:** [huckoj@pef.czu.cz](mailto:huckoj@pef.czu.cz)

**Programme administrator:**

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**ERASMUS & Exchange students' coordinator:**

[Ing. Daniel Dědina, Ph.D.](#)

**Phone:** +420 224 382 906

**E-mail:** [dedina@pef.czu.cz](mailto:dedina@pef.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **108000 CZK per academic year.**

## Syllabus MSc in Business Administration

Programme code N6208

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
EUEB4E	International Trade	5
EEE64E	Econometric Modelling (EM)	5
ENE62E	International Economics	5
EEE10E	Public Economics	5
EUEB5E	Managerial Finance	5
ETE6AE	ICT for Managers	5
EUEB6E	Wholesale and Retail Trade	5
ERE19E	Business Management	5
<b>Compulsory optional subjects</b>		
EREY2E	Marketing Communication	5
EUEB7E	Accounting	5
EIEA4E	Systems and Organizational Engineering	5
EXE16Z	Diploma Thesis Work Credit I	5
<b>2<sup>nd</sup> year</b>		
ERE1BE	Marketing Management	5
ERE1DE	Strategic Management	5
<b>Compulsory optional subjects</b>		
ERE1CE	Marketing Research (for regular students only)	5
ETEAS5E	Business Information Systems	5
EUEB8E	International Accounting Standards	5
EXE17Z	Diploma Thesis Work Credit II	5
ERE1AE	Logistics	4
EEEI5E	Business Activity Assessment	4
<b>Compulsory optional subjects</b>		
ERE1EE	Strategic Marketing	4
ETEAG6E	Strategy of Information Systems	4
EXE18Z	Diploma Thesis Work Credit III, Practicals	14
EXE15Z	Diploma Practise	5

## Master in EUROPEAN AGRARIAN DIPLOMACY

The MSc study programme European Agrarian Diplomacy is designed for students having a BSc degree in Economics or Business, or other relevant BSc diplomas. It provides students with advanced theoretical and applied knowledge in economics, international relations, foreign policy, management and marketing, law regulations and also provides 3 semesters of French language. Several subjects are taught by guest professors from partner universities in the EU and from Canada. Graduates are well prepared to work at relevant national and international agencies, e.g. Czech Ministry of Foreign Affairs and / or EU Agrarian Diplomacy Commission, etc. The programme includes courses in World Economics and its Institutions, Diplomacy, World Business with Commodities, European Integration, World Agriculture Economy, Foreign Policy and International Relationship, Legal Regulations, Marketing Management and Strategic Management. Erasmus exchange students at MSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

Electronic application for degree students of this study programme is available at [prijimacky.czu.cz](http://prijimacky.czu.cz). Signed application forms must be submitted together with confirmation of payment to the Study Office (Students who have completed secondary education or bachelor degree in the Czech Republic or students who have finished nostrification) or International Relations Office (International Students applying to Lifelong Learning Programme - students without completed nostrification/diploma recognition) before 31. March 2018

**Programme organisation: Faculty of Economics and Management** [www.msc.pef.czu.cz](http://www.msc.pef.czu.cz)  
**Programme duration:** 2 years (120 ECTS)

**Programme Director:**

Ing. Jan Hučko, Ph.D.

Phone: +420 224 382 313

E-mail: [huckoj@pef.czu.cz](mailto:huckoj@pef.czu.cz)

**Programme Administrator:**

Ing. Jana Melezínková

Phone: +420 234 382 061

E-mail: [melezinkova@pef.czu.cz](mailto:melezinkova@pef.czu.cz)

**ERASMUS & Exchange students' coordinator:**

Ing. Daniel Dědina, Ph.D.

Phone: +420 224 382 906

E-mail: [dedina@pef.czu.cz](mailto:dedina@pef.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **20000 CZK per academic year.**

## Syllabus MSc European Agrarian Diplomacy

Programme code N6208

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
EEEE1E	World Economy and Agriculture	5
EREX6E	Business Management	6
EHEA8E	Essentials of Diplomacy	5
ETEA3E	Communication and Information Resources	5
EEE64E	Econometrics	6
ELD09Z_1	Communication en Francais I	2
EXE31Z	Introduction to study	0
EED06E	Agricultural policy	5
EREX8E	Human Resource Management	5
EED07E	World Economics and World Economic Institutions	4
EED08E	Economics of Production and Processing of Agricultural Products	5
EHEA9E	Foreign policy and International Relations	4
ELD09Z_2	Communication en Francais II	2
EXE16Z	Diploma Thesis	5
<b>2<sup>nd</sup> year</b>		
ENE66E	International Economics	5
ERET1E	Marketing Management	5
EEED3E	EU Integration and Agriculture	5
ERET2E	Strategic Management	4
EJD04E	Legal Regulation of Integration	4
ELD10Z	Communication en Francais III	2
EXE17Z	Diploma Thesis II	5
EED09E	Agribusiness Economics	4
ERET3E	Prognostics and Planning	4
EED10E	World Agricultural Commodities	4
ERET4E	Regional Development	4
EXE18Z	Diploma Thesis, defend and FSE	14
EXE15Z	Diploma Thesis Practice	4





## Bachelor in ENVIRONMENTAL ENGINEERING

The Bachelor's programme in Environmental Engineering is opening in academic year 2018-2019. It is focused on providing the student with a complex understanding of environmental protection with an emphasis on management of natural resources. This programme offers a deeper knowledge of earth sciences, environmental chemistry, and remediation of environmental contamination including developing an understanding of the behaviour of different pollutants in the global environment. Students will become skilled in the use of different software while learning how to process environmental data. Within the first two years of study, they will take a variety of seminar and field workshop classes. In these classes, students will become competent in applying their newly acquired knowledge and professional skills and improve their communication, teamwork, and intellectual flexibility. In the third year of study, students will select elective courses in order to strengthen their desired focus.

The aim of the programme is to provide complex education in the area of environmental sciences within the context of the greater EU. Graduates of the Environmental Engineering programme will be able to prepare management plans for natural resources, such as soil and water with a comprehensive understanding of the processes that contribute to global climatic change.

The study programme focuses on introducing the student to science and contemporary research linked with a practical application for how to best reduce impacts to the natural and built environment. Graduates will be able to understand variety of topics related to environmental protection, including recent challenges rising from climate change. Graduates will become skilled in how to best mitigate the negative impacts associated with climate change, and more importantly, how to propose appropriate measures in order to improve the current and future state of the environment. Graduates will become competent in how to communicate and work in team-oriented jobs and combine the results of different practical documentation such as spatial plans, management plans, EIA, SEA, conservation policy, or similar governmental and regulatory studies. They will become knowledgeable in evaluating differently levels of environmental pollution, understanding the implications of different parameters and (bio) indicators.

ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

prof. RNDr. Vladislav Chrastný, Ph.D.

**E-Mail:** [chrastny@fzp.czu.cz](mailto:chrastny@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

Mgr. Jitka Rendlová

**Phone:** +420 224 383 685

**Fax:** +420 234 381 854

**E-mail:** [rendlova@fzp.czu.cz](mailto:rendlova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus BSc in Environmental Engineering

Programme code N3914

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ZEX13E	Fundamentals of Biology	5
ZEX14E	Zoology	5
ZOX10E	Geology	6
ZXX39Z	Seminar I	2
RTX16Z	Physical Training	2
RTX17Z	Physical Training	2
ZEX16E	Fundamentals of Ecology	5
ZEX17E	Botany	6
TAZ37E	Mathematics	6
ZOX11E	Environmental Chemistry	6
ZUX07Z	Workshop 1 - Global Environmental Issues	2
<b>2<sup>nd</sup> year</b>		
ZGX13E	GIS I	6
ZVX26E	Hydrology	6
ZUX08E	Hydrochemistry	6
ZEX18E	Air Pollution	6
APZ01E	Soil Science	6
ZXX40Z	Seminar II.	2
ZEX15E	Environmental Data Collection and Processing	6
ZBX19E	Landscape Architecture	6
ZUX09E	Waste Management	5
ZUX10E	Landscape Ecology	6
ZUX11E	Ecotoxicology	6
ZBX20E	Water Resources Engineering	6
ZBX11Z	Workshop 2 - Renewable Resources	2

3 <sup>rd</sup> year		
ZBX21E	Land Management I.	6
ZVX27E	Global Change and Water Resources	5
ZUX12E	Environmental Assessment	5
ZXX41Z	Seminar III	2
ZBX22E	Ecological Restoration and Engineering	5
Compulsory elective courses for 3 <sup>rd</sup> year		
LKX01Z	CAD	5
ZEX10Z	Laboratory Methods	5
ZEX20E	Nature Conservation	5
ZBX23E	Planning for Ecotourism	5
ZBX24E	Spatial Planning	5

## Bachelor in GEOGRAPHIC INFORMATION SYSTEMS AND REMOTE SENSING IN ENVIRONMENTAL SCIENCES

The study programme is opening in academic year 2018-2019. It provides a complex education in the field of Geographic Information Systems (GIS) and Remote Sensing (RS) and the use of these techniques for environmental protection and management, with a special focus on the current topics of water and drought in the landscape and protection of biodiversity under the condition of a global climate change. The graduates can find employment both in private and state-funded institutions working in the environmental management, in particular as a spatial data analyst or at an entry level management post. In the private sector, the graduate can find employment e.g. in companies providing ecological monitoring or analyses, recultivation, landscape planning or in companies specializing directly in GIS and remote sensing. Last but not least, the graduates can act as freelance experts/consultants, whose services are currently much sought-after. Of course, the graduates can also opt for continuing in their Masters studies, for which they will be very well prepared. NOTE: The BSc in GIS is a new bachelor programme in English, open in winter semester of academic year 2018-2019. Students are kindly requested to contact the director of the programme and/or the Erasmus & Exchange coordinator before they select subjects for their learning agreement.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**Prof. Dr. Ing. Miroslav Šálek,**

**E-Mail:** [salek@fzp.czu.cz](mailto:salek@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

**Ing. Helena Michálková**

Faculty of Environmental Sciences

**Phone:** +420 224 382 147

**E-mail:** [michalkova@fzp.czu.cz](mailto:michalkova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus BSc in Geographic information systems and remote sensing in Environmental Sciences

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ZGX14E	Geographic information systems I	7
ZGX15E	Cartography and mapping I	6
ZEX19E	Fundamentals of Ecology	5
ZGX16E	Fundamentals of physical geography	5
ZGX17E	Remote Sensing I	7
ZGX18E	Geographic information systems II	7
ZVX28E	Hydrology	5
ZGX19E	Cartography and mapping II	6
TAZ38E	Mathematics	6
<b>2<sup>nd</sup> year</b>		
ZGX20E	Remote Sensing II	5
ZGX21E	Geodatabases	5
ZGX07Z	Spatial data processing	5
ZGX22E	Statistics	5
ZGX23E	Unmanned Aerial Systems in Environmental Sciences	5
ZGX24E	Global navigation satellite systems	5
ZGX25E	Programming for GIS and Remote sensing	5
ZGX08Z	Bachelor Thesis Seminar	4
ZGX09Z	Lidar data processing	5
<b>3<sup>rd</sup> year</b>		
ZGX10Z	Citizen science & crowdsourcing	4
ZBX25E	Cadastre of Real Estates	5
ZGX26E	Spatial analyses in environmental sciences - project	6
ZGX27E	Open data and GIS	5
ZGX11Z	Presentation of Bachelor Thesis	5

Compulsory elective courses for 2 <sup>nd</sup> and 3 <sup>rd</sup> year (Type A)		
ZEX21E	Habitat Ecology	5
ZEX20E	Nature Conservation	5
ZVX29E	Climate Change and Water Resources	5
ZVX30E	Water management	5
Compulsory elective courses for 2 <sup>nd</sup> and 3 <sup>rd</sup> year (Type B)		
ZEX08Z	Agroecosystems	3
ZUX08Z	Function of Wetlands in Landscape	3
ZEX25E	Geobotany	5
ZOX12E	Geology	5
ZOX09Z	Environmental Hydrogeology	4
ZVX08Z	Transport of Contaminants in Watershed	3
ZEX22E	Funtamentals of Zoology	5
ZVX33E	Atmospheric Processes	5
ZVX31E	Hydrological Modeling	5
ZVX32E	Hydropedology	5
ZEX23E	Methods of Ecosystem Studies	5
ZGX28E	Spatial Planning	5
ZEX24E	Fundamentals of Botany	5
ZGX28E	Fundamentals of Landscape Ecology	5

### Compulsory elective courses for 2nd and 3rd year (Type A)

The student must take at least two core optional courses Type A during the second and third years of the study. For those taking final exams in Ecology and Nature Conservation, a combination of Habitat Ecology and Nature Conservation is recommended. For those taking final exams in Hydrology and Water Management, the combination of Water Management and Climate Change and Water Resources should be the preferred one.

### Compulsory elective courses for 2nd and 3rd year (Type B)

The student must choose from those courses in the second and third year of study in a way ensuring that he/she earns in total (combining these with compulsory courses and core optional courses) 180 credits over the entire study period. In other words, the student must earn at least 35 credits during his/her studies combining core optional (Type A) and optional courses (Type B)



## Master in ENVIRONMENTAL MODELLING

The Environmental Modelling (ENVA) graduate-degree study programme offered in English is open for students with a bachelor degree in a relevant subject area who wish to acquire advanced knowledge and professional skills in describing environmental processes, with emphasis on modelling.

Students learn to model the transport of pollutants and contaminants in different environments, and to describe the transport processes in the atmosphere, soil, groundwater and surface water. Graduates are able to combine advanced knowledge of applied mathematics and informatics with descriptions of processes. They are prepared for positions as environmental process modellers and as engineers working for national and international institutions.

The two-year study programme in ENVA is perhaps our most technical and advanced science-based degree and consists of required courses and research-based field studies. Course work includes: environmental hydrology, computational hydraulics, geochemistry, computer modelling, groundwater hydraulics, fluid mechanics, applied hydrogeology and applied hydroinformatics.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**prof. Ing. Pavel Pech, CSc.**

**E-Mail:** [pech@fzp.czu.cz](mailto:pech@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

**Mgr. Jitka Rendlová**

**Phone:** +420 224 383 685

**Fax:** +420 234 381 854

**E-mail:** [rendlova@fzp.czu.cz](mailto:rendlova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Environmental Modelling

Programme code N3914

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
TAZ06E	Applied Mathematics for Environmental modelling	6
ZVX09E	Computational Hydraulics	6
LHX01Z	Computer Modelling I.	4
ZVZ56E	Environmental Hydraulics	5
ZVX08E	Environmental Hydrology	6
ZVX01Z	Introduction to Environmental Modelling	1
ZVX07E	Physical - Chemical Aspects of Processes in Environment	4
ZXX10Z	Seminar I	2
ZVX16E	Applied hydrogeology	6
LHX04E	Computer Modelling II.	5
ZOX01E	Environmental Hydrogeology	6
ZVX10E	Groundwater Hydraulics	6
ZVX13E	Hydraulic Modelling	6
ZVX19E	Hydrological Modelling	6
ZVX12E	Numerical Methods	6
<b>2<sup>nd</sup> year</b>		
ZVX11E	Experimental Methods in Fluid Mechanics	5
ZVX02Z	Presentation of environmental data	4
ZVX23E	Random Processes	5
ZXX12Z	Seminar III	2
ZVX15E	Transport of Contaminants in Atmosphere	5
ZVX03Z	Applied Hydroinformatics	5
ZVX17E	Flow in Atmospheric Boundary Layer	6

## Master in LANDSCAPE PLANNING

The Landscape Planning (LPA) programme aims to sufficiently prepare graduates to be competitive on the international job market. The field of study is therefore strongly oriented toward acquisition of practical skills, wherein the professional staff of the faculty, including foreign scientific researchers, will share their current knowledge in the field of landscape planning, landscape ecology and landscape architecture with you. It is open to graduates with a background in Landscape Architecture, Ecology, Environmental Sciences, Civil Engineering, Spatial Planning, Architecture, Environmental Design, Landscape Ecology, Natural Sciences, Garden Architecture. Students learn by working on real projects and become skilled in applied sustainable land use planning and resource management. We often focus this work on the dynamic and varied landscape of the Czech Republic; however, students also have opportunities to travel to neighbouring countries in Central Europe to explore how sustainable approaches to landscape planning can be applied elsewhere. Landscape Planning (LPA) is an accredited degree programme required for practice of landscape engineering and design in the Czech Republic, and applicable to international locations. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**Prof. Ing. Petr Sklenička, CSc.**

**E-Mail:** [sklenicka@fzp.czu.cz](mailto:sklenicka@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

**Mgr. Jitka Rendlová**

**Phone:** +420 224 383 685

**Fax:** +420 234 381 854

**E-mail:** [rendlova@fzp.czu.cz](mailto:rendlova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Landscape Planning

Programme code N3914

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
LPX26E	Forest Ecology	5
ZGX02E	GIS I	5
ZBX11E	Land Management	6
ZBX17E	Landscape Architecture	6
ZUX01E	Landscape Ecology	5
ZBX14E	Landscape History	3
ZXX10Z	Seminar I	2
LLX06E	Vegetation in Land Management	5
ZXX31Z	Workshop I	2
APZ05E	Applied Soil Science	5
ZGX06E	GIS II	6
ZBX18E	Land Register	3
ZBX09Z	Landscape History Workshop	2
ZXX11Z	Seminar II	2
ZBX15E	Spatial Planning	6
ZUX04E	Water Resources Protection	6
ZXX29Z	Workshop II	2
<b>2<sup>nd</sup> year</b>		
ZEX01Z	Aquatic Ecosystem Restoration	6
ZUX02E	EIA and SEA	5
ZBX16E	Land Reclamation	5
ZBX12E	Erosion Control	2
ZBX07E	Landscape Planning Studio I	3
ZXX12Z	Seminar III	2
ZXX34Z	Workshop III	2
ZBX01Z	Landscape Planning Studio Workshop	3
ZBX10Z	Landscape Planning Studio II	3
ZEX10E	Conservation Policy	4
ZXX35Z	Diploma Thesis Seminar	1
ZBX05Z	Land Reclamation Workshop	3

## Master in NATURE CONSERVATION

Nature Conservation (NCO) master's degree programme is open for bachelor's degree-holders with a background in ecology, biology, zoology, botany, conservation biology, landscape ecology or environmental sciences. The NCO programme is best suited for those wishing to acquire advanced knowledge and research-based skills in nature conservation. The NCO programme provides a solid understanding in both applied and theory-based resource conservation and management, based on principles of applied landscape ecology. NCO is an accredited degree programme required for practice of management of protected landscape areas with the Nature Conservation Agency of the Czech Republic, the EU, and applicable international locations as well.

The studies focus on sustainable natural resources; students will acquire advanced knowledge on a range of methods for conserving the biosphere, ecosystems conservation and management, land reclamation, game management, and methods of environmental assessment.

In addition to applied biological disciplines, the courses emphasise legislation, the economy and the use of GIS tools. Due to the field's wide scope, graduates will have very good success at many institutions which deal with the conservation of nature and landscapes. They will be able to find and process information from various industries and transform multidisciplinary knowledge into practice in modern nature conservation. Erasmus exchange students can enrol for one or two semesters

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**Doc. Ing. Jiří Vojar, Ph.D.**

**E-Mail:** [vojar@fzp.czu.cz](mailto:vojar@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

**Mgr. Jitka Rendlová**

**Phone:** +420 224 383 685

**E-mail:** [rendlova@fzp.czu.cz](mailto:rendlova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Nature Conservation

Programme code N3904

 Winter semester  
 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ZEX01E	Biodiversity	6
ZEX02E	Conservation Genetics	6
ZEX03E	Ecological Data Processing	6
ZGX02E	GIS I	5
ZBX09E	River Restoration	6
ZXX10Z	Seminar I	1
ZXX14Z	Workshop I	1
ZEX04E	Ecosystems Conservation and Management	6
ZEX05E	Animals Ecology and Conservation	5
ZEX06E	Plants Ecology and Conservation	5
ZBX10E	Landscape Planning	6
ZEX07E	Non-forest Vegetation	6
ZEX02Z	Field Practice	2
ZXX11Z	Seminar for NCO II	1
ZXX15Z	Workshop II	1
<b>2<sup>nd</sup> year</b>		
ZUX02E	EIA and SEA	5
LRX06E	Environmental Economics	5
LLX04E	Forest Ecology and Management	5
LMX05E	Game Management	5
ZXX12Z	Seminar III	2
ZXX16Z	Workshop III	1
ZEX09E	Conservation Biology	6
ZEX10E	Conservation Policy	4
ZXX13Z	Diploma Thesis Seminar	4
ZOX01Z	Palaeoecology	3
ZUX03E	Wetlands Cons. and Management	6

## MSc Environmental Geosciences (EGS)

The master's study programme Environmental Geosciences (EGS) is open for bachelor graduates in Applied Ecology, Geology or similar fields. The programme provides a solid theoretical and practical background in Earth Sciences; students will be able to identify and analyse specific environmental issues linked to Earth Sciences; they will work independently in various laboratories at the Faculty and present their results during seminars, field excursions and workshops. Students will gain insight into various disciplines, e.g., Geology, Environmental Hydrogeology, Paleoecology, Environmental Geochemistry and Mineralogy.

Graduates are prepared for positions in science and engineering in the field of environmental remediation or as a specialist working for national and international institutions. Environmental Geosciences are currently at the forefront of many scientific disciplines and have important practical outcome. Understanding of pollutants' behaviour in various environmental compartments, remediation of contaminated sites and evolution of ecosystems in the Earth's history are just a few examples of the topics covered by the programme. The laboratories at the Faculty of Environmental Sciences are equipped with high-end instrumentation for advanced specialized methods used in environmental geochemistry, such as speciation and specialized isotope analyses. These techniques are currently fast emerging and crucial in the developing fields of Environmental Geochemistry and Biogeochemistry.

Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

Prof. Dr. Michael Komarek, PhD

**E-Mail:** [komarek@fzp.czu.cz](mailto:komarek@fzp.czu.cz)

**ERASMUS & Exchange students coordinator:**

Mgr. Jitka Rendlová

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**E-mail:** [rendlova@fzp.czu.cz](mailto:rendlova@fzp.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **10000 CZK per academic year.**



## Syllabus MSc Environmental Geosciences

Programme code N3914

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ZEX03E	Ecological Data Processing	6
ZOX03E	Environmental Geochemistry and Mineralogy	5
APZ03E	Environmental Soil Science	5
ZOX04E	Geology	5
ZVX01Z	Introduction to Environmental Modelling	1
ZOX02Z	Practical and Computational Chemistry	3
ZOX03Z	Seminar for EGS I.	1
ZOX06E	Environmental Analytical Chemistry	6
ZOX05Z	Field Practice for EGS	6
ZOX08Z	Geology - Field Lecture	1
ZVX10E	Groundwater Hydraulics	6
ZOX05E	Palaeoecology	3
ZOX04Z	Seminar for EGS II.	1
ZUX03E	Wetlands Cons. and Management	6
ZOX01E	Environmental Hydrogeology	6
<b>2nd year</b>		
ZVX18E	Air Pollution	6
ZUX06E	Drinking Water and Waste Water Treatment	4
ZOX08E	Environmental Soil Chemistry	6
ZBX11E	Land Management	6
ZVX07E	Physical - Chemical Aspects of Processes in Environmental	4
ZOX06Z	Seminar for EGS III.	1
ZOX07Z	Workshop for EGS I.	1
ZOX07E	Environmental Contamination and Remediation Technology	5
ZOX09E	Waste Geochemistry and Management	6

## Bachelor in FORESTRY

The specialised BSc study programme in Forestry is designed for graduates from specialised secondary schools and/or vocational forestry schools who wish to acquire university education in forestry and related sciences. Entrance exams consist of mathematics and English. Subjects include fundamentals of forestry botany, soils sciences, chemistry, dendrology and biometrics, forest protection, ecology and forestry economics. The acquired knowledge and skills can be applied in socio-economic and natural conditions of various countries. The programme consists of compulsory and optional subjects, as well as several 2 – 4 days Field Seminars. During their studies, students prepare their bachelor thesis, with themes selected from a list of recommended areas of specialisation related to forestry. Graduates must successfully pass all exams and acquire the prescribed number of credits per semester. Studies are concluded by a State Examination and the defence of a bachelor thesis. Students are trained to apply their acquired theoretical knowledge in practice, taking responsibility of forestry management in private forestry enterprises, or in national and international forest management institutions. Erasmus exchange students at BSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 3 academic years (180 ECTS)

**Programme director:**

**Ing. Jan Kašpar, Ph.D.**

**E-mail:** [kasparj@fld.czu.cz](mailto:kasparj@fld.czu.cz)

**ERASMUS & exchange students' coordinator:**

**Ing. Kateřina Navrátilová**

**Phone:** +420 224 384 871

**E-mail:** [navratilova@fld.czu.cz](mailto:navratilova@fld.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay a study fee of **15000 CZK per academic year**.

## Syllabus BSc in Forestry

Programme code B 4132

 Winter semester

 Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
LRL56Z	Administration Techniques	4
AAL02E	Basic Meteorology	6
ZVX21E	Environmental Chemistry	5
LOL31E	Fundamentals of Ecology for Forestry	4
ZOX04E	Geology	5
LXL32Z	Introduction to study	1
TAL05E	Mathematics	5
LDL85E	Physiology and Anatomy (for Forestry)	5
RTX16Z	Sport	1
LLL13E	Dendrology	6
LLL10E	Forest Botany	6
APL04E	Soil Science (Forestry)	5
RTX17Z	Sport	1
LMX04E	Zoology	5
LTL95Z	Practice I.	5
<b>2<sup>nd</sup> year</b>		
LHX06E	Biometry	5
LOX06E	Entomology	6
LTX03Z	Forestry Mechanization	5
LML07E_1	Game Management I.	3
LOX07E	GIS in Forestry	5
ZVX22E	Hydraulics	4
LXX07Z	Bachelor thesis	1
LLX02E	Forest Ecology	5
LTX03E	Forest Harvesting	5
LHX08E	Forest Mensuration	6
LML07E_2	Game Management II.	5
LLL11E	Phytosociology and Classification of Communities	6
LTX08E	Surveying	6
	Czech Language for Foreigners	3

3 <sup>rd</sup> year		
LXX08Z	Bachelor thesis	1
LOX06Z	Forest Phytopathology	5
LRX08E	Forestry Economy	5
ZVX25E	Hydrology I.	3
LPX05E	Silviculture I.	6
LZL58Z	Wood Science	4
LXX09Z	Bachelor thesis	15
LHX04Z	Forest (wood) Production	5
LHX07E	Forest Management I.	6
LOX09E	Forest Protection I.	5
LPX06E	Silviculture II.	5
LXLB1Z	State Final Exam	

## Subjects of BSc State Examination (SE)

Corridors
Forest Management
Forestry Economics and Forest Harvesting
Forest Ecology and Forest (Stand) Classification

## Master in FORESTRY, WATER and LANDSCAPE MANAGEMENT

This MSc study programme has been designed for students with a BSc degree in Forestry Sciences, Landscape Sciences, and Ecological or Environmental Sciences, or with a BSc degree from a similar subject area. The programme delivers advanced theoretical and practical knowledge in forestry, water and landscape management for future professionals. Subjects include world forestry, forest communities, conservation, dissemination, water management, desertification and floods, technical measures and land improvement, revitalisation of the forest and landscape ecosystems. Students will get acquainted with economic issues, characteristic for forest management and landscape revitalisation, according to biotic and abiotic factors, they will understand issues related to forest industry, afforestation and reforestation, sustainability, the influence of air and water pollution on forests, water and landscape etc. The programme consists of compulsory and optional subjects. Students can participate in solving real environmental and landscape problems, managing natural resources and policymaking. Graduates of this programme can also apply their knowledge, using their highly specialised skills, for solving problems in the areas of research and innovation. They can apply new findings and methods and integrate them in various areas of practical applications. They can work independently in small and medium size enterprises, or find jobs as heads of creative teams at intermediate and top management levels, state environmental agencies, administration, international organizations and NGOs. LLP Erasmus exchange students at MSc level can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme organisation:** Faculty of Forestry and Wood Sciences, [www.fld.czu.cz](http://www.fld.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

Prof. Ing. Marek Turčáni, PhD.

**E-Mail:** [turcani@fld.czu.cz](mailto:turcani@fld.czu.cz)

**ERASMUS & exchange students' coordinator:**

Ing. Kateřina Navrátilová

**Phone:** +420 224 384 871

**E-mail:** [navratilova@fld.czu.cz](mailto:navratilova@fld.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **15000 CZK per academic year.**

## Syllabus MSc in Forestry, Water and Landscape Management

Programme code N4107

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
<b>1<sup>st</sup> year</b>		
ZBX03E	Water Resources Management	6
ZEL01E	Ecology and Ecological Methods	6
ZUL03E	Landscape ecological applications	6
LLX01E	Forest Ecology	6
LPX07Z	Urban Forestry	6
LDX19E	Forest Dendrology, Genetics and Tree Breeding	6
LLX05E	Classification of Vegetation	6
LPX20E	Silviculture	6
LPX22E	Special Silviculture I	6
ZBL02E	Irrigation and Drainage	6
LXX02Z	MSc Thesis	1
<b>2<sup>nd</sup> year</b>		
LHX17E	Forest Management	7
ZVL01E	Applied Hydraulics and Hydrology	6
ZGX02E	GIS I	6
LZX01E	Logging and Wood Processing	6
LXX03Z	MSc Thesis Seminar	1
LOX12E	Forest Protection	6
LRX07E	Forest Enterprise Economics	6
ZGL01E	Hydroinformatics	6
LXX01Z	MSc. Thesis	10
<b>Optional subjects</b>		
ZVL09E	Principles of Hydrology and Hydrometeorology	6
LPX24E	Forest Manag. in Air Polluted Areas	6
LPX21E	Special Forest Plantations	6
AAA19E	Advanced Agrometeorology	6
ZVL05E	Hydraulics	6
ZVL07E	Hydrology	6

Code	Year of study / Subject	ECTS
ZVL04E	Groundwater Flow and Contaminant Transport	6
LPX23E	Special Silviculture II	6
APA22E	Soil Taxonomy, Survey and GIS	6
LDX20E	Physiology of Growth and Reproduction of Forest Trees	6

**SFE consists of a master thesis defence and examination in 4 subjects.**

## Corridors

Compulsory subjects:

1. Water Resources Management
2. Forest Management

Optional subjects (choice of 2 from 4)

1. Forest Enterprise Economics
2. Ecology and Ecological Methods
3. Silviculture
4. Landscape and Ecological Application
5. Irrigation and Drainage



## Master in TROPICAL FORESTRY AND AGROFORESTRY

This MSc study programme has been designed for BSc graduates in Forestry and Agricultural Specialisation. BSc graduates with a solid background in biology, forestry and environmental sciences, desiring to acquire advanced professional knowledge in forest management in tropics and subtropics are of course welcomed. Erasmus exchange students at MSc level can enrol for one or two semesters. The students studying courses of TFA are prepared for their professional missions in tropical and subtropical countries in the field of forest management, agroforestry and wood science. A great emphasis is also put on the field of agriculture and rural development, which is very often closely connected with forest management. Students will get the basic knowledge about the whole agro-forestry sector in these countries, and also the bases of sustainable use and protection of tropical forest. The graduates should be able to practically use this knowledge to the development of sustainable forestry in the third world countries.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**  
[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

### **Programme organisation:**

The programme is jointly organised by the Faculty of Forestry and Wood Sciences (FFWS) [www.fld.czu.cz](http://www.fld.czu.cz) and the Faculty of Tropical AgriSciences (FTA) [www.ftz.czu.cz](http://www.ftz.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

### **Programme directors:**

**Assoc. Prof. Mgr. Jan Sobotnik, Ph.D. (FFWS)**

**E-mail:** [sobotnik@fld.czu.cz](mailto:sobotnik@fld.czu.cz)

**Assoc. Prof. Ing. Bohdan Lojka, Ph.D. (FTA)**

**E-mail:** [lojka@ftz.czu.cz](mailto:lojka@ftz.czu.cz)

## ERASMUS & Exchange students' coordinator:

Ing. Jana Hummelova (FTA)

Phone: +420 224 382 496

Fax: +420 234 381 829

e-mail: [hummelova@ftz.czu.cz](mailto:hummelova@ftz.czu.cz)

Ing. Katerina Navratilova (FFWS)

Phone: +420 224 384 871

Fax: +420 234 381 842

e-mail: [navratilova@fld.czu.cz](mailto:navratilova@fld.czu.cz)

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay an study fee of **5000 CZK per academic year.**

## Syllabus MSc in Tropical Forestry and Agroforestry

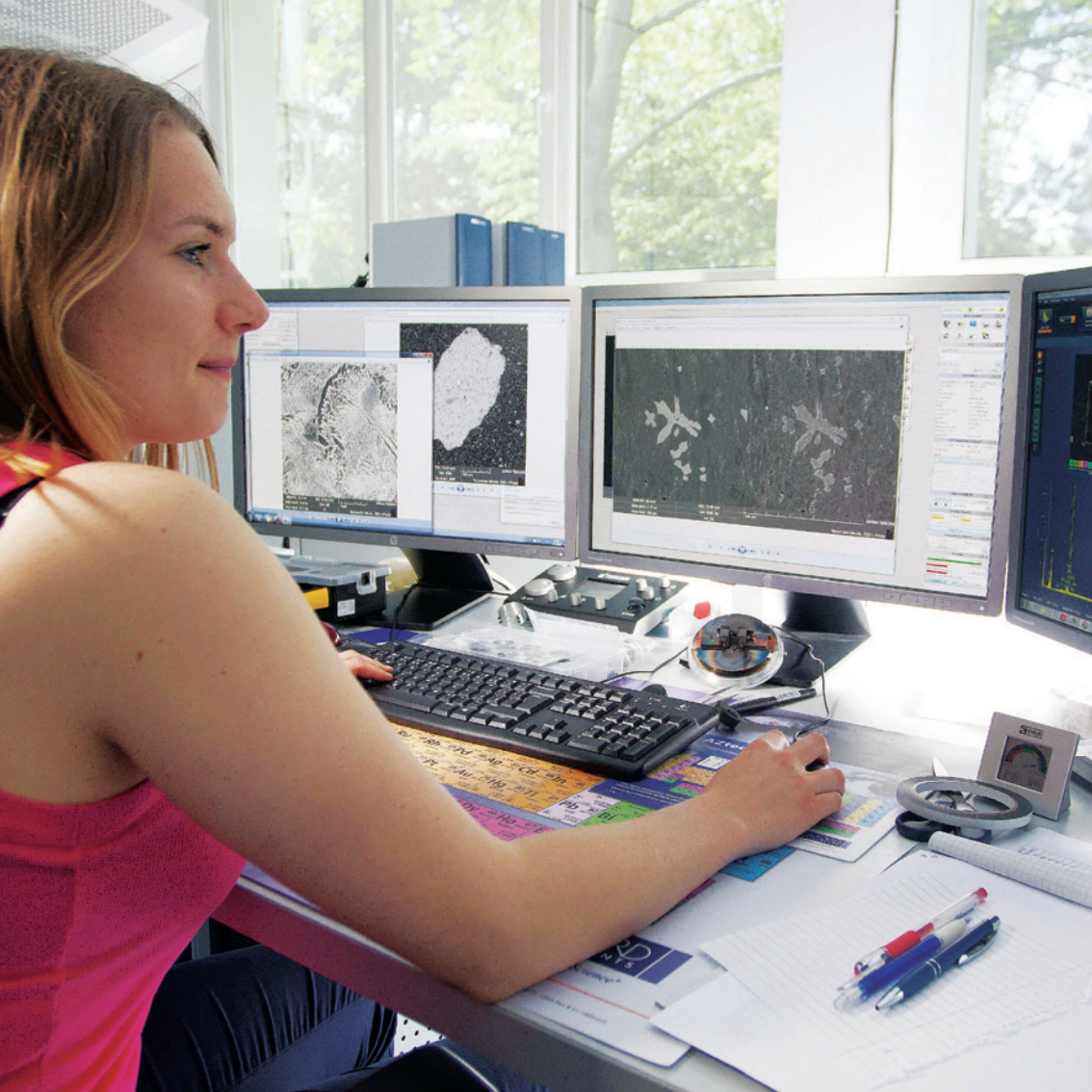
Programme code N4107

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
ICI05E	Agroforestry	5
IXI01Z	Diploma Thesis - Assignment	2
LHX02E	Forest Management in TS	5
IXI02E	Orientation Meeting	0
ZGX09E	Remote Sensing	4
ICI03E	Special Crops	5
ICI13Z	Tropical Dendrology	3
ICI04E	Tropical Phytocoenoses	5
LZX02E	Wood Science	5
LLX05E	Classification of Vegetation	6
IXI03Z	Diploma Thesis - Research Design	3
ICI06E	Economic Botany	5
LDX01E	Forest Dendrology, Genetics and Tree Breeding	5
LLX02E	Forest Ecology	5
LTX08E	Surveying	6
2 <sup>nd</sup> year		
ICI28Z	Agroforestry Systems	3
IXI04Z	Diploma Thesis - Data Analysis	5
LOX01Y	Forest Protection in TS	3
ZGX02E	GIS	5
LTX02E	Harvesting, Timber Transport and Wood Processing	5
ZBL02E	Irrigation and Drainage	6
ZBX03E	Water Resource Management	6
LPX01Z	Silviculture in TS	3
IXI05Z	Diploma Thesis - Submission	15
IXIN1Z	State Final Exam	

Optional subjects (*)		
IAI40E	Biodiversity Conservation and Protected Areas	5
IEI02E	Economics of Farming Systems	5
LHX03E	Forest Inventory	5
LPX21E	Special Forest Plantations	6
RTX10Z	Winter Sports	1
IUI62E	Organic Waste Management	5
ICI12E	Management of Sub-(tropical) Land - Use Systems	4
ICIO2E	Plant Tissue Cultures	5

(\*) Optional subjects: Please consult with study programme directors for availability



## Bachelor in AGRICULTURAL ENGINEERING

Agricultural Engineering (AE) is a three year bachelor study program taught in English. The first two years of studies provide a theoretical basis in agricultural technology which enables students to undertake further studies in technical and biological sciences. The last year of studies is focused on the practical application of theoretical knowledge. The selection of undergraduate thesis allows students to specialize in a specific area of interest such as biological systems engineering. Graduates of the Agricultural Engineering study programme are qualified to solve projects related to agricultural engineering by applying modern technological systems.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 3 academic years (183 ECTS)

**Programme Director:**

**Prof. Dr. Ing. František Kumhála**

**E-mail:** [kumhala@tf.czu.cz](mailto:kumhala@tf.czu.cz)

**Phone:** +420 224 383 135

**Fax:** +420 234 381 828

**Student Affairs:**

**Lucie Marečková**

**E-mail:** [mareckoval@tf.czu.cz](mailto:mareckoval@tf.czu.cz)

**Phone:** +420 224 383 212

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay a study fee of **81000 CZK per academic year.**

## Syllabus BSc Agricultural Engineering

Programme code B4101

	Winter semester
	Summer semester

Code	Year of study / Subject	ECTS
1 <sup>st</sup> year		
VPV111Z	Foreign language I	2
AHA29E	Agricultural systems I	5
ACT02E	Chemistry	5
TAT01E	Mathematics I	7
TGT52E	Informatics	4
TCT09E	Introduction to the engineering visualisation	5
RTX12Z	Physical training and sport	1
VPV111Z	Foreign language I	3
TBT01E	Engineering Physics	6
TAT02E	Mathematics II	6
TDT02E	Introduction to Material Sciences	5
ARE10E	Agricultural systems II	5
TAT10E	Engineering statistics	3
RTX12Z	Physical training and sport	1
TFT22Z	Practical training	2
2 <sup>nd</sup> year		
AWX01E	Czech language and culture	3
THT13E	Electrical Engineering	5
TCT11E	Introduction to the engineering work	3
TCT14E	Engineering mechanics	5
TCT03E	Strength of materials	5
TDT11E	Manufacturing technology	5
TCT17E	Fluid mechanics	4
AWX01E	Czech language and culture	3
TCT16E	Theory of machines	4
ACT01E	Fuels and lubricants	4
TFT23E	Machinery for plant production	5
TBT05E	Introduction to Agromaterials	6

TBT10E	Renewable energy sources	4
TCT19Z	Energetical engines	4
3 <sup>rd</sup> year		
ENE41E	General Economics I.	5
TET22E	Tractors and transportation equipment	5
APA38E	Soil science	6
TCT21E	Biosystems engineering	5
TGT21E	Machinery for animal production	5
TGX06E	Food engineering	5
TZT07Z	Bachelor thesis preparation	4
TJX02E	Quality, dependability and renewal of machines	5
TIT01E	Production system management	5
TFX29E	Precision farming	4
TFT09E	Processing of particular substances	6
TCT09Z	Bachelor thesis preparation	8

## Subjects of BSc State Examination (SE)

### Corridors

Biosystems engineering

Agricultural engineering

Production system management



## Master in TECHNOLOGY and ENVIRONMENTAL ENGINEERING

The study programme is designed for BSc graduates with a strong background in technology and engineering. BSc diplomas in a field related to engineering and environment are accepted as appropriate education background. Subjects include agricultural engineering, road and urban transport, technology and equipment for waste management, technology and equipment for building constructions, trade and business in machinery and information and control technology in agrifood complexes. The programme consists mostly of compulsory subjects. The study programme delivers advanced knowledge in core engineering subjects. The acquired knowledge is complemented with basic disciplines of ecological and environmental sciences. The interdisciplinary relations between machinery and environment are also covered. In the course of their studies, students prepare their MSc thesis in the field of environmental engineering. A prerequisite for graduation is the successful passing of all required exams and the presentation and defence of a thesis. The graduates are well prepared for national and international positions in industry, civil services, business dealing with machinery, and technical development. Erasmus exchange students can enrol for one or two semesters.

**ERASMUS students apply through the CULS ERASMUS Incoming students' coordinator**

[malatakova@rektorat.czu.cz](mailto:malatakova@rektorat.czu.cz)

**Programme duration:** 2 academic years (120 ECTS)

**Programme director:**

**Prof. Dr. Ing. František Kumhála**

**E-mail:** [kumhala@tf.czu.cz](mailto:kumhala@tf.czu.cz)

**Phone:** +420 224 383 135

**Fax:** +420 234 381 828

**ERASMUS & Exchange students coordinator:**

**Lucie Marečková**

**E-mail:** [mareckoval@tf.czu.cz](mailto:mareckoval@tf.czu.cz)

**Phone:** +420 224 383 212

Admission regulations for degree students: Applicants enrolling as **degree students** are expected to pay a study fee of **81000 CZK per academic year**.

## Syllabus MSc in Technology and Environmental Engineering

Programme code N4110

 Winter semester

 Summer semester

Code	Year of study / Subject	ECTS
	1 <sup>st</sup> year	
TAT06E	Applied Mathematics	6
TBT02E	Applied physics	6
ZEL01E	Ecology and Ecological methods	6
TCT07E	Basic Applied Mechanics	6
IUT16E	Environmental Engineering in Agriculture	6
TBT05E	Agro-materials	6
TDT07E	Material Science	6
THT01E	Energy Supply and Electric Drives	6
	Compulsory optional subject I	
	Compulsory optional subject II	
	Compulsory optional subjects I	
AIA04E	Soil and Water Relations	6
TGT03E	Storage of Agricultural Materials	6
TGT110E	Techniques of Environment	6
TZT10Z	Project TEE- optional	3
	Compulsory optional subjects II	
AHA17E	Soil and Plants Relations	6
TET19E	Rural Engineering	6
TGT49E	Technology of Food Packaging	6
TFT46E	Fluid Power Mechanisms	6
TZT10Z	Project TEE V	3
	2 <sup>nd</sup> year	
TET09E	Automobiles and Tractors	6
TFT01E	Technology and Technique for plant production	6
TGT01E	Technological Equipment of Buildings for Animal Production	6
ZUL03E	Landscape Ecological Application	6
	Compulsory optional subject III	

TIT08E	Mobile Machinery Utilization	6
EEE68E	Environmental Economy	5
TJT01E	Logistic Management	6
TGT02E	Technological Equipment for Waste Management	6
TZT05Z	Diploma Thesis	7
Compulsory optional subjects III		
APA21E	Soil Conservation and Protection	6
TGT48E	Brewing Czech Beer	6
TGT06E	Transport, Handling and Manipulation Machinery	6
TGT22E	Process Engineering in Agri-food Industries	6
Optional subjects		
TGT35Z	Program. In Windows Environ. and Visual Basic - optional 2nd year	3
TZT10Z	Project TEE- optional 1st, 2nd year	3

## Subjects of BSc State Examination (SE)

### Corridors

Environmental Sciences

Technology of Agricultural Production

Logistics and Management

Environmental Engineering

# STUDENT GUIDE CULS PRAGUE









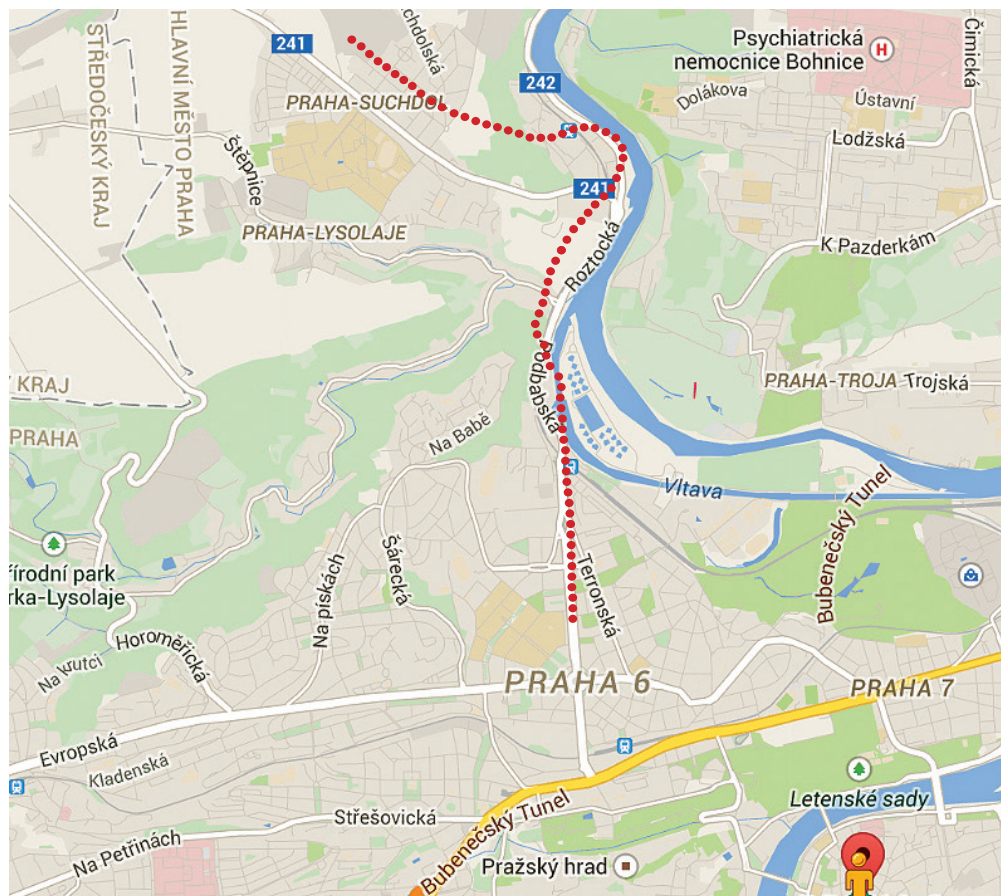




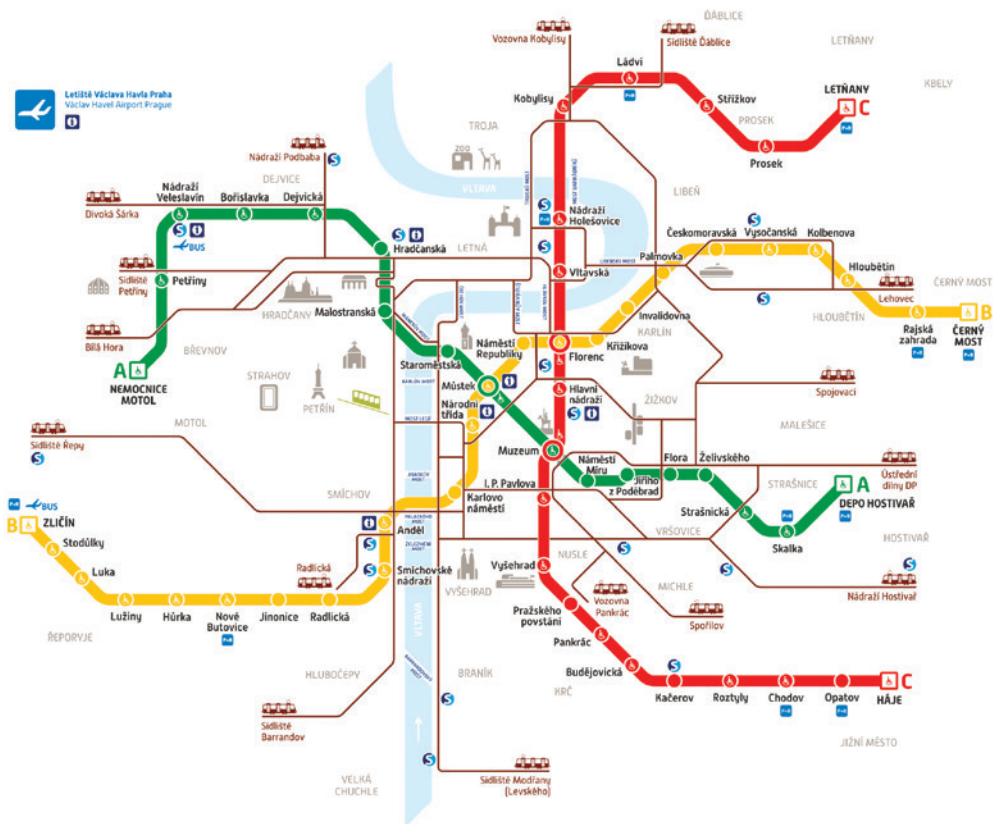


"If you keep thinking  
About what you want to do  
Or what you hope will happen,  
You don't do it, and it won't happen."

Adages by Desiderius Erasmus of Rotterdam (1467–1536)



# PRAGUE METRO MAP





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