





- **Founded in 1906**
- **Third largest university in Prague**
- **More than 20 000 students**

Faculties

- Faculty of Environmental Sciences
- Faculty of Economics and Management
- Faculty of Agrobiology, Food and Natural Resources
- Faculty of Engineering
- Faculty of Forestry and Wood Sciences
- Faculty of Tropical AgriSciences



Forest Establishment

Kostelec nad Černými lesy

- Nearly 7000 ha of forests
72 ha of ponds
- Located in renaissance chateau
- Large Arboretum FFSW
- Wood processing centre



Mělník-Chloumek Viticultural Centre

- 12 ha of vineyards
- 17th century vineyard house
- 30 thousand litres
of red and white wines



Farm Estate at Láňy



- 2 900 ha of farmland
- Cattle herds of Holstein, Jersey and Czech Red cows
- A herd of African antelopes



On-campus sport facilities

- Indoor swimming pool and sauna
- Bodybuilding center
- Tennis courts and indoor hall
- Volleyball and beach-volleyball courts
- Athletic tracks
- Football field with grass surface

Culture at CULS

- Miss Agro Festival
- Prague Universities' Ice Hockey Battle
- Fife Sciences Film Festival



Mobility and international programmes

- Currently over 900 international exchange students
- Nearly 2 000 international students study full-time degree
- In recent year 700+ local students have studied abroad

The Euroleague for Life Sciences (ELLS)

- Full member
- ELLS Scientific Student Conference in November 2015
- ELLS Summer Schools



International agreements (Erasmus+)

- 378 agreements
- 231 universities
- 30 countries





Czech University of Life Sciences Prague

Faculty of Environmental Sciences





Faculty of Environmental Sciences

- Established in 2007 as independent faculty of CULS Prague
- 6 departments: Land Use and Improvement, Ecology, Applied Ecology, Applied Geoinformatics and Spatial Planning, Water Resources and Environmental Modelling, Environmental Geosciences
- New building and laboratories – November 2015

Numbers of students at the faculties of CULS



■	Faculty of Economics and Management (13459)
■	Faculty of Agrobiological Sciences (4549)
■	Faculty of Environmental Sciences (3553)
■	Faculty of Engineering (2029)
■	Faculty of Forestry and Wood Sciences (2030)
■	Institute of Tropics and Subtropics (578)
■	Institute of Education and Communication (563)



Double Degree

- **Cranfield University (UK)**
- **11 students**



Bilateral Agreement with 18 countries (Erasmus+)

Austria	Hungary	Slovakia
Belgium	Italy	Slovenia
Estonia	Lithuania	Spain
France	Netherlands	Sweden
Germany	Poland	Switzerland
Great Britain	Portugal	Turkey

The Baltic University – A Regional University Network
Coordinated by Uppsala University



UPPSALA
UNIVERSITET



Grants and projects at FES

- In 2015: 40 research projects from national and international agencies
- Basic research - 12 projects, others - applied research
 - cooperation with companies or other final users
- Norway Grants - 4 projects (BIOFORK, NGU)
2,5 mil. Euro
- H2020 BASE-LiNE Earth - Marie Skłodowska-Curie actions





External Funding



INVESTMENTS IN EDUCATION DEVELOPMENT



**Operační program
Výzkum a vývoj pro inovace**



Priority research areas

- **Landscape-ecological principles of restoring landscapes damaged by open-cast coalmining**
- **Conservation of biological diversity in the landscape**
- **Increasing the retention and accumulation of water in the landscape**
- **Restoration of non-production functions of the landscape**
- **Biogeochemistry of metals and metalloids in the environment**
- **Conservation and management of selected habitats, management of protected areas**
- **The use and impacts of alternative energy sources**



Study programmes and specializations

Bachelor programmes

- Applied Ecology (CZ)
- Landscape Planning and Design (CZ)
- Territorial Technical and Administrative Services (CZ)
- Water Resource Management (CZ)
- Spatial Planning (CZ)

Doctoral programmes

- Ecology (EN, CZ)
- Applied and Landscape Ecology (EN, CZ)
- Environmental Modelling (EN, CZ)
- Water Regime Improvement in the Landscape (EN, CZ)

Master programmes

- Applied Ecology (CZ)
- **Nature Conservation (EN, CZ)**
- **Landscape Planning (EN, CZ)**
- Landscape and Land Improvement (CZ)
- **Environmental Modelling (EN, CZ)**
- **Environmental Geosciences (EN)**
- Regional and Environmental Administration (CZ)
- **Land and Water Management (EN)**
- Water in the Landscape (CZ)



- Elements of landscape architecture, applied landscape ecology, spatial and regional planning, landscape history and natural sciences
- **Core Courses:**
 - ❑ Land Management
 - ❑ Soil Erosion Control
 - ❑ Landscape Architecture
 - ❑ Spatial Planning
 - ❑ Land Register and GIS
 - ❑ Aquatic Ecosystems Restoration
- New programme, first graduates





- Focusing on theoretical and practical knowledge in biological and ecological areas
- Research oriented
- **Core Courses:**
 - ❑ **Conservation Biology**
 - ❑ **Ecosystems Conservation and Management**
 - ❑ **Animals Ecology and Conservation**
 - ❑ **Plants Ecology and Conservation**
 - ❑ **Conservation Policy**
- PhD and academia





- Modelling the transport of pollutants and contaminants in different environments, and how to describe the transport processes in the atmosphere, soil, groundwater and surface water
- **Core courses:**
 - ❑ **Hydraulic and Hydrological Modelling**
 - ❑ **Groundwater Modelling**
 - ❑ **Transport of Contaminants in Atmosphere**
 - ❑ **Applied Hydropedology**
 - ❑ **Modelling in Soil Science**
 - ❑ **Physical – Chemical Aspects of Processes in Environment**
- Most technical degree at FES





- Focusing on remediation of contaminated sites and understanding of pollutants' behaviour in various environmental compartments

- **Core Courses:**
 - ❑ **Geology**
 - ❑ **Env. Geology and Earth System Sciences**
 - ❑ **Env. Geochemistry and Mineralogy**
 - ❑ **Env. Hydrogeology**
 - ❑ **Paleoecology**
 - ❑ **Env. Analytical Chemistry**
 - ❑ **Env. Soil Chemistry**

- Newly accredited





Land and Water Management

- Focusing mostly on water in landscape and hydrological modelling
- **Core Courses:**
 - ❑ Land Management
 - ❑ Water Resources Management
 - ❑ GIS
 - ❑ Hydrological Modelling
- Oldest programme taught in English at FES





Faculty of Environmental Sciences
Kamýcká 129, 165 21 Prague 6 – Suchbátov
Czech Republic

Facebook:

- <https://www.facebook.com/fzp.czu.cz>
- <https://www.facebook.com/groups/fes.culs.prague/>

Website:

<http://www.fzp.czu.cz/en/>

International Relations Office:

Ing. Lukáš Pospíšil
pospisill@fzp.czu.cz

