Faculty of Forestry

University of Agriculture in Kraków

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Vice-Dean for Education and Student Affairs

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Faculty of Forestry

The Faculty of Forestry originated from *the Jagiellonian University* (1364) in Cracow.   A new Unit of Forestry was formed in October **1946** as a part of the Faculty of Agriculture at the Jagiellonian University.

   In **1946**, the name of the Faculty was changed to the *Faculty of Agriculture and Forestry*, which was composed of two separate units: Agriculture and Forestry.

   In September 1949, an autonomous *Faculty of Forestry* was founded. However, in **1951**, the Ministry of Higher Education stopped student admissions, and in **1954** the Faculty was finally closed down being already in the structures of the new university – *the Higher School of Agriculture*.

      Thanks to the efforts of a group of professors, the *Faculty of Forestry* **re-opened in 1963** at *the Higher School of Agriculture*, later *the Academy of Agriculture*, and finally *the University of Agriculture*.

Faculty of Forestry

Authorities

Dean
Prof. Jarosław Socha PhD, DSc

Vice-Dean
Maciej Pach PhD, DSc, Associate Professor

Faculty of Forestry

800 forestry students (~20 PhD students)
79 members of academic staff:

> **10** full professors
> **34** persons holding DSc. degree (habilitation)
> **35** persons holding PhD. degree

Faculty of Forestry

<u>Faculty Units</u>

Department of Ecological Engineering and Forest Hydrology

Department of Ecology and Silviculture

Department of Forest Biodiversity

Deaprtment of Forest Ecosystem Protection

Department of Forest Resources Management

Department of Forest Utilization, Engineering and Forest Techniques

Faculty of Forestry leads numerous forest research programmes and provides education in forest management and forestry sciences at <u>bachelor's, master's, doctoral, as well as postgraduate study levels</u>.

The Faculty actively participates in international agreements and cooperates with numerous Polish and foreign universities and research institutes.

Scientific category A+

Faculty of Forestry

Bachelor programme in Forestry

7 semesters – 3,5 years (30 ECTS per semester = 210 ECTS)

Ending with the „Engineer" title based on the diploma thesis and final exam

Lectures, classes and field trainings:

- 42 obligatory courses (general, humanities and major courses)

- 46 optional courses (including in Polish and in foreign languages)

- professional practice (in state forest administration, national parks or forest companies)

Biodiversity conservation
new study programme from 2024 (*bachelor*)

Faculty of Forestry

Master programme in Forestry

Recruitment of candidates takes place on the basis of a diploma of engineering studies in forestry or in a similar field.

3 semesters – 1,5 years (30 ECTS per semester = 90 ECTS)

Ending with the „Master of Science" title based on the diploma thesis and final exam

Lectures, classes and field trainings:

– 11 obligatory courses (general and humanities courses)

– from 10 to 12 optional major courses depending on the module selection

– 19 optional courses in foreign language, including 13 courses

for ERASMUS+ foreign students

Faculty of Forestry

Master programme in Forestry

Students are supposed to select one of the following modules:

1) **Forest resource management** – 10 courses

2) **Protection of forest ecosystems** – 10 courses

3) **Urban forestry** – 12 courses

4) **Geoinformatics in forestry** – 11 courses

5) **Biotechnology and genetics in forestry** – 10 courses

Faculty of Forestry

Lecture halls

Laboratories

Congress Centre

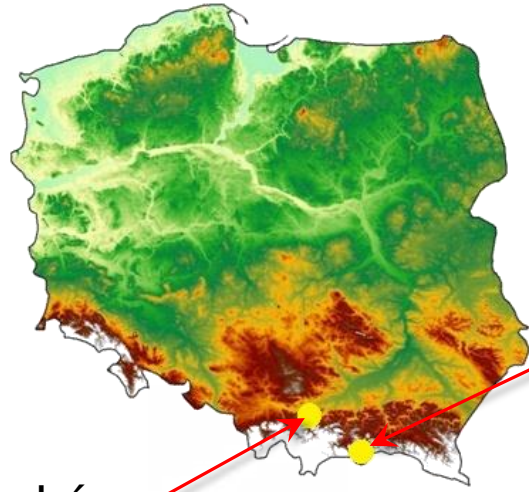Museum of soils

Faculty of Forestry

Laboratories

- Agrophysical laboratory
- Biometric and incremental laboratory
- A complex of laboratories with laboratories: forest tree biotechnology laboratory, biometric laboratory
- Dendrochronology laboratory
- Laboratory of environmental geochemistry and areas designated for reclamation
- Geomatics laboratory
- Laboratory for hydrological and ground research
- A complex of laboratories with laboratories: mycology, tree physiology and biochemistry, biotechnological and mycological electrophoresis
- Laboratory of forest by-products

Faculty of Forestry

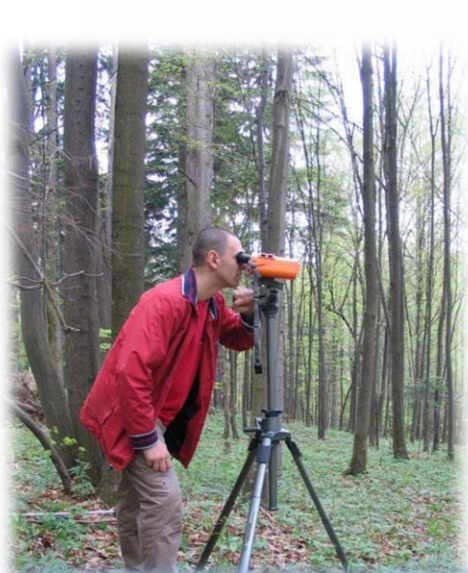Forest Experimental Station in Krynica, Carpathian Mountains

University Experimental Forests – 6,500 ha
Accommodation for 150 students

Kraków

Faculty of Forestry

Field training

Faculty of Forestry

Forestry Students' Scientific Club

1. Biometric Section
2. Section of the Forest Biodiversity
3. Section of the forest Botany and Nature Protection,
4. Section of Photographic Documentation,
5. Section Forest Education,
6. Section of Forest Ecology,
7. Section of Forest Entomology,
8. Section of Geomatics,
9. Section of Soil Science and Forest Habitats,
10. Hydrology Section,
11. Hunting Section,
12. Ornithological Section,
13. Forest Harvesting Section,
14. Dendrochronological Section,
15. Section of Forest Phytopatology and Mycology

"Hagard" Hunting Signallers Group

Faculty of Forestry

ERASMUS +

33 Bilateral Agreements with universities in:

Austria, Bulgaria, Czech Republic, Finland, France, Germany, Italy,

Latvia, Lithuania, Portugal, Romania, Slovakia, Slovenia, Spain, Turkey

Faculty of Forestry

ERASMUS+ courses in English

Summer semester

- Dendroclimatology
- Developing enterpreneur personality and skills
- Forest protection and fire prevention
- Global change forestry
- Invasion ecology
- Marketing management in forestry and forest industry
- Monitoring and conservation of forest biodiversity
- Natural disturbances in forest communities
- Population ecology of trees
- Restoration ecology of post-industrial sites
- The outline of applied silviculture in North America
- Tree-ring dating

Winter semester

- Animal ecology and conservation
- Dendroclimatology
- Developing enterpreneur personality and skills
- Forest protection and fire prevention
- Invasion ecology
- Marketing management in forestry and forest industry
- Tree-ring dating

More information (course descriptions):
https://erasmus.urk.edu.pl/en/incoming-students/course-catalogue/faculty-of-forestry

Faculty of Forestry

Blended Intensive Programme (BIP)

An intensive course combining virtual and face-to-face components:

- BIP „Multiple uses of forests" in Finland (2022)
- BIP „Climate-smart forestry" in Kraków (2023)
- BIP „EU Nature Restoration Law" in Finland (2024)
  - **BIP „Biodiversity conservation" in Kraków (2025)**

Topic: **BIODIVERSITY CONSERVATION**

Biodiversity Conservation is a significant action in the EU Biodiversity Strategy for 2030. The document sets out a comprehensive package of commitments and actions to put Europe's biodiversity on the path to recovery by 2030 for the benefit of people, the climate and the economy.

EU Biodiversity Strategy for 2030

BIP ERASMUS+, KRAKÓW, POLAND 2025

General content and subtopics:

1) *identification and recognition of biodiversity at different levels of complexity*

2) *various methods of biodiversity enhancement,*

3) *ensure sustainable management of biodiversity across all sectors and ecosystems,*

4) *strengthen the biodiversity governance framework, knowledge, research, financing and investments,*

5) *Biodiversity Strategy*

6) *others …..*

BIP ERASMUS+, KRAKÓW, POLAND 2025

Place:

Kraków, POLAND

Time:

**Proposed week
18-24 May 2025**

Duration:

**One week face-to-face
meeting**

Contact:

Maciej Pach

maciej.pach@urk.edu.pl

Deadline:
22.11.2024 at the latest

KRAKÓW

Faculty of Forestry

Dormitories

The main building of the Faculty of Forestry

Canteen ARKA

University facilities:
- accomodation – dormitory (ap.150 EUR)
- canteen on the campus

KRAKÓW, POLAND

- well-known Polish historical and cultural town
- the old town is on UNESCO World Heritage List from 1978
- approx. 800 000 inhabitants + 150 000 students
- very easily accessible (plane, train)
- very convenient public transport
- the city is full of student life, many cultural events, etc.

<u>In the vicinity of Kraków to visit:</u>

- salt mine in Wieliczka
- many national parks (Tatra National Park)

KRAKÓW

See you in KRAKÓW!

More information is available on

https://urk.edu.pl/en/
https://erasmus.urk.edu.pl/en/

Virtual tour
https://uniwersytetrolniczy.wkraj.pl/html5/index.php?id=78196&lng=EN

Thank you for your attention!