



波兰波兹南生命科学大学研究生招生介绍

林业科学学院



Poznań University of Life Sciences



**MSc and PhD courses for
International Students
Poznań University of Life Sciences
Poznań (PULS), Poland
Faculty of Wood Technology**



The distance between Poznan and Beijing



Location of Poland and Poznan



Why Poznań

- one of the largest Poland's cities (population 551,000);
- almost 135,000 students;
- over 200 majors at 28 universities;
- almost 100,000 job offering companies (one of the country's lowest unemployment rate);
- the best city in terms of the learning atmosphere
- SHENZHEN – POZNAŃ - Twin towns

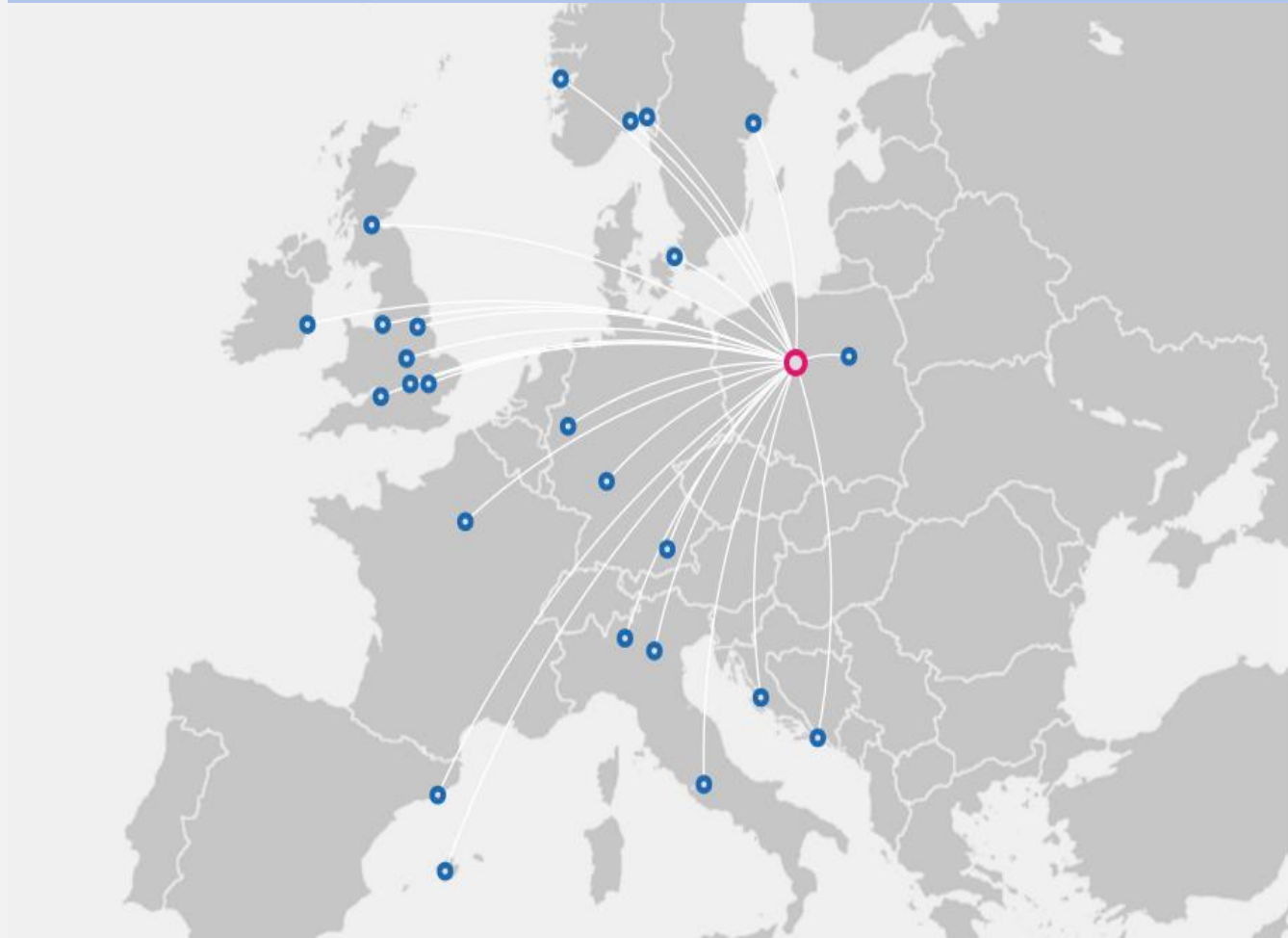
Poznań is a very suitable place for

- **running a business** (Poznań International Fair - the largest and oldest exhibition center in Poland)
- **enjoying culture** (festivals, concerts, contests...)
- **enjoying entertainment** (Poznań was a host of UEFA EURO 2012)



- Barcelona
- Bolonia
- Bristol
- Copenhagen
- Cork
- Cracow
- Dortmund
- Dublin
- Düsseldorf
- Edinburgh
- Frankfurt
- Liverpool
- London
- Madrid
- Milan
- Munich
- Oslo
- Palma de Mallorca
- Paris
- Rome
- Stockholm
-

It's easy to get here!



More info about Poznań

- www.studyin.poznan.pl
- fotoportal.poznan.pl/fotoportal
- www.facebook.com/Poznan

PULS & numbers

- 1923 year of PULS establishment
- 12 000 students
- 55 students from People's Republic of China who started MSc courses in Poznań University of Life Sciences in 2015
- 820 academic teachers, including 186 professors
- 8 faculties
- 25 fields of study
- over 20 specializations taught in Polish language
- 12 experimental agricultural farms and forestry stations

Present structure of PULS

PULS consists of 8 faculties:

- Faculty of Agronomy and Bioengineering
- Faculty of Forestry
- Faculty of Animal Breeding and Biology
- **Faculty of Wood Technology**
- Faculty of Horticulture and Landscape Architecture
- Faculty of Food Science and Nutrition
- Faculty of Land Reclamation and Environmental Engineering
- Faculty of Economics and Social Sciences

Faculty of Wood Technology & numbers

- **1954** year of Faculty of Wood Technology establishment
- **90** university teachers (incl. 22 professors and associate professors) and **60** engineering and technical staff
- **above 350** students (undergraduate and graduate programs)
- **25** PhD students
- **7** research units

Structure of Faculty of Wood Technology

1 institute and 6 departments:

- Institute of Chemical Wood Technology
- Department of Chemistry
- Department of Furniture Design
- Department of Engineering Mechanics and Thermal Techniques
- Department of Wood Science
- Department of Woodworking Machinery and Basic Construction
- Department of Wood Based Materials

Research areas

- wood science, wood ultrastructure,
- rheology of wood, strength properties,
- fracture mechanics of wooden structural elements,
- wood-based panels production and properties,
- gluing technology and finishing processes,
- wood drying, heat and mass transfer in wood,
- furniture design, properties of materials for furniture production,
- wood modification,
- wood protection and preservation,
- properties of biocomposites, carbon materials,
- paper and pulping processes.

Study programme in Faculty of Wood Technology

- **Undergraduate education** – an engineer degree (7 semesters) in 3 courses:
 - **wood technology**, 4 specializations:
 - (a) mechanical wood technology,
 - (b) chemical wood technology,
 - (c) wood protection and modification,
 - (d) furniture design,
 - **furniture design**,
 - **biocomposites engineering**,
- **Graduate education** – a master degree (3 semesters) in 2 courses:
 - **wood technology**, 4 specializations,
 - **biocomposites engineering**,
- **PhD studies** (8 semesters) in **wood technology**.

Study programme in Faculty of Wood Technology in English

- **MSc** in **Wood Science** (3 semesters)
- **PhD studies** in **wood technology** (8 semesters)

Entry requirements for candidates for MSc in Wood Science

Candidates for registration to Wood Science must first hold at least BSc in one of the following areas:

- Wood Technology
- Wood Science
- Forest Products Engineering

We invite students who are motivated to gain knowledge concerning wood, which is a renewable, durable, versatile and beautiful material, which helps reduce climate change and has a unique ability to store carbon.

Leading modules on **MSc in Wood Science**

- Physical properties of wood,
- Chemical properties of wood,
- Wood protection,
- Drying and hygrothermal processing of wood,
- Furniture design and engineering,
- Wood machining,

Wood Science course

- The course focuses on the optimal use of the **renewable material such as wood** both in conventional and modern industries.
- Our course is exceptional, because during studies you will gain knowledge both in **chemical and mechanical wood technology as well as furniture design**.
- You will be taught **how to select materials for wood industry** on the basis of their chemical and physical properties and **how to prepare** them to suit the needs of a specific wood industry sector.
- You will also become acquainted with **modern woodworking technologies** and state-of-the-art woodworking machinery used in wood industry.

Wood Science course

- We will teach you that **timber drying** is a complex, multifaceted process, of great importance for wood technology.
- You will discover causes for **degradation** of wood and wood-based panels and means of their **protection**.
- We are going to show you **how to glue** wood and **which coatings** should be used for wood and wood-based panels.
- We will help you explore knowledge connected with the **history of furniture design** and **furniture production management**.

Study programme

MSc in Wood Science

- **Semester I**

- Wood sciences and chemistry
- Wood biodeterioration and its preservation
- Hygroscopic properties of wood and wood based panels
- Methodology
- Seminar I

- **Semester II**

- Timber drying
- Wood fire protection
- Furniture design
- Quality of wood machining
- Building construction
- Selected topics in wood science
 - Design management
 - History of industrial design
 - Woodworking machines and tools
- Seminar II

- **Semester III**

- Design of wood construction for interiors
- Gluing and coating
- Field trip
- Selected topics in wood science
 - Conservation and renovation of furniture
 - Archaeological wood conservation
 - CNC woodworking machines
- Seminar III
- Preparing MSc thesis

Courses are given in English

Study programme

MSc in Wood Science

During laboratories



LARGEST PAPER MACHINE IN POLAND AND IN EUROPE
PRODUCING PAPER FROM WASTE PULP
FIELD TRIP to MONDISWIECIE



Field trip to Archaeological
Museum in Biskupin



Conservation of wood
in scansen



Drema Fair 2015



Study programme

MSc in Wood Science

The Furniture Factory
Live 2015



Wood Technology Day



Contest „Bike of wood” edition
2015



Wood Technology Day



Career options after MSc in Wood Science

Graduates from Wood Science studies are prepared to undertake jobs in:

- forest products industry,
- sawmilling industry,
- companies cooperating with wood processing industry (e.g. furniture or wood-based panel industry and similar).

Job locations are available globally, both in large metropolitan centers and in rural communities.

Interdisciplinary Doctorate Studies for Foreigners

- Reliability of wooden joints in skeletal structures,
- Design of lightweight honeycomb panels with auxetic core.
- Magnesium hydroxide nanoparticles as a paper degradation retardants.
- Gluing of modified wood.
- Gluability of some materials with wood and wood based products.
- Finishing of modified wood with lacquer products.
- Fire retardancy to wood through its surface modification.

http://en.puls.edu.pl/

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en.puls.edu.pl

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Często odwiedzane m Pierwsze kroki Aktualności Uniwersytet Przyrodni...



Uniwersytet Przyrodniczy w Poznaniu

Poznań University of Life Sciences





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MSc student



PhD student

◦ The Staff





Thank you for your attention...



Poznań University of Life Sciences

MSc courses – inexpensive

Registration fee – **€ 200** (approx. 214 USD)

Tuition fee per semester – **€ 1 400** (approx. 1 500 USD)

Total cost of fees (3 semester course) – **€ 4 200** (approx. 4 500 USD)

Admission schedule for MSc courses starting in October 2016

- on-line registration for a MSc course (start February 1st 2016) by April 29, 2016
<http://budgie.up.poznan.pl/rekrutacja-eng/>
- Admission Documents Set submission (via e-mail, scans only) by May 9, 2016
- decision of Faculty Recruitment Board by May 30, 2016
- payment of the full Tuition Fee + Enrolment Fee by July 4, 2016

Admission documents set

Candidates applying for admission to MSc courses offered by the Poznań University of Life Sciences must submit the following set of documents:

- a copy of **Passport**
- signed **Student Application Form**
- standard **CV**
- translated into English copy of **Bachelor/Engineer Diploma**
- translated into English copy of **Final Exams Result Transcript**
- **statement of sufficient knowledge of English** (we do not require certificates, B1/B2 level)

All documents in a form of scans in PDF format to be sent via e-mail only.

PULS PhD Studies tuition fees

Registration fee – **€ 200** (approx. 214 USD)

Tuition fee per semester – **€ 1 900** (approx. 2 000 USD)

Total cost of fees (8 semester course) – **€ 15 200** (approx. 16 200 USD)

Courses are given **in English**

Provisional Costs of Living in Poznan for International students

- **accommodation** in dormitories of the Poznan University of Life Sciences (for foreign students separate floors are prepared)
 - double rooms of higher standard - € 95 per month per student,
 - single rooms of higher standard - € 120 per month per student).
- **food & drink** (Campus Canteen) - € 200 per month,
- **City Travel Card** - € 25 per month,