

Mendel University in Brno
Faculty of Forestry and Wood Technology

Postgraduate study programmes

Academic year 2019/2020



Brno, 2019

The study of postgraduate programmes at Faculty of Forestry and Wood Technology, Mendel University in Brno, in academic year 2019/2020

The postgraduate study can be studied in full-time or part-time form in accredited postgraduate study programmes/fields of study (hereafter PSP/PFS). Some PFS have specializations.

The full-time study takes three years in PFS Applied Geoinformatics, Forest Management, Forest Protection, Technology and Mechanization in Forestry, Timber Processing Technology, Processes of Furniture Design, or four years in PFS Forest Ecology, Landscape Management, Constructions for Forestry and Landscape Management, Economics and Management of Renewable Natural Resources, Forest Phytology, Game Management and Silviculture.

All programmes and fields of study are accredited and taught in Czech language. We can offer Forest Phytology and Forest Ecology in English language with a tuition fee 80 000 CZK per year. There is no tuition fee charged for Czech PSPs. If you are interested in studying Czech PSP as a non-Czech speaker, please contact us at first. You can find a contact information for your chosen PSP below.

FFWT can grant a monthly scholarship to a full-time Ph.D. student.

Part-time study consists of individual consultations and takes the same amount of years as a full-time study.

The postgraduate study is managed by subject-area board and is supervised by a supervisor. Each postgraduate student passes at least three programme-specific courses and one language course (English or another world language). The study is ended with the state doctoral examination and the defense of dissertation thesis. Graduates of the doctoral study receives the title „philosophiae doctor“ (written as Ph.D. behind the graduate's name).

Accredited programmes/fields of study

PSP Botany

PFS FOREST PHYTOLOGY (1507V009 without specializations)

Entrance examination topics:

- Botany and Dendrology
- Ecophysiology

Contact: prof. Dr. Ing. Petr Madera – petr.madera@mendelu.cz

PSP Landscape Engineering

PFS FOREST ECOLOGY (3914 V 012 without specializations)

Entrance examination topics:

- Geobiocenological Landscape and Forest Typology
- Forest Soil Science
- Forest Ecology

Contact: doc. Ing. Valerie Vranová, Ph.D. – valerie.vranova@mendelu.cz

PSP Landscape Engineering

PFS LANDSCAPE MANAGEMENT (3914V 014 without specializations)

Entrance examination topics:

- Landscape Ecology
- Environmental Care
- Function of Landscape Vegetation
- Water in Landscape

Contact: doc. Ing. Petr Kupec, Ph.D. – petr.kupec@mendelu.cz

PSP Landscape Engineering

PFS CONSTRUCTIONS FOR FORESTRY AND LANDSCAPE MANAGEMENT (3914V 025 without specializations)

Entrance examination topics:

- Constructions for Performance of Forest Function
- Environmental Care
- Function of Landscape Vegetation
- Water in Landscape

Contact: prof. Dr. Ing. Miloslav Slezinger – miloslav.slezinger@mendelu.cz

PSP Forest Engineering

PFS SILVICULTURE (4107V008 without specializations)

Entrance examination topics:

- Silviculture
- Establishment of Forests and Forest Tree Breeding
- Geobiocenological Forest Typology

Contact: doc. Ing. Radek Pokorný, Ph.D. – radek.pokorny@mendelu.cz

PSP Forest Engineering

PFS FOREST PROTECTION (4107V006 without specializations)

Entrance examination topics:

- Forest Zoology and Entomology
- Forest Phytopathology
- Forest Protection

Contact: prof. Ing. Otakar Holusa, Ph.D. et Ph.D. – otakar.holusa@mendelu.cz

PSP Forest Engineering

PFS GAME MANAGEMENT (4107V004 without specializations)

Entrance examination topics:

- Game Management
- Zoology
- Environmental Care

Contact: doc. Ing. Jiří Kamler, Ph.D. – jiri.kamler@mendelu.cz

PSP Forest Engineering

PFS TECHNOLOGY AND MECHANIZATION IN FORESTRY (4107V012 with specializations)

FOREST MANAGEMENT ENGINEERING

Entrance examination topics:

- Forest Management Engineering
- Silviculture
- Timber Harvesting and Transport

TIMBER HARVESTING AND TRANSPORT

Entrance examination topics:

- Timber Harvesting and Transport
- Silviculture
- Forest Transport Network

SPECIAL PURPOSE CONSTRUCTIONS FOR FORESTRY

Entrance examination topics:

- Forest Transport Network
- Timber Harvesting and Transport
- Silviculture

ERGONOMICS

Entrance examination topics:

- Ergonomics
- Timber Harvesting and Transport
- Forest Management Engineering

Contact: prof. Ing. Jindrich Neruda, CSc. – jindrich.neruda@mendelu.cz

PSP Forest Engineering

PFS FOREST MANAGEMENT (4107V002 with specializations)

BIOMETRICS

Entrance examination topics:

- Biometrics
- Forest Management
- Silviculture

FOREST MANAGEMENT

Entrance examination topics:

- Biometrics
- Forest Management
- Silviculture

APPLIED GEODESY

Entrance examination topics:

- Applied Geodesy and Photogrammetry
- Forest Management
- Methods and Use of Remote Sensing

Contact: doc. Ing. Karel Frápela, Csc. – karel.drapela@mendelu.cz

PSP APPLIED GEOINFORMATICS (1302V000 without fields of study)

Entrance examination topics:

- Geoinformatics
- Landscape Ecology
- Computer Science

Contact: doc. Ing. Martin Klimanek, Ph.D. – martin.klimanek@mendelu.cz

PSP Wood Engineering

PFS TIMBER PROCESSING TECHNOLOGY (3301V009 with specializations)

WOOD AND MATERIALS PROPERTIES

Entrance examination topics:

- Wood Structure and Anatomy
- Sawmill Production
- Furniture Production

TIMBER PROCESSING

Entrance examination topics:

- Wood Structure and Anatomy
- Sawmill Production
- Furniture Production

Contact: doc. Ing. Vladimir Gryc, Ph.D. – vladimir.gryc@mendelu.cz

PSP Economics and Management

PFS ECONOMICS AND MANAGEMENT OF RENEWABLE NATURAL RESOURCES (6208V107 without specializations)

Entrance examination topics:

- Economics in Forest Management
- Management in Forest Engineering
- Business Economics

Contact: doc. Ing. Andrea Sujová, PhD. – andrea.sujova@mendelu.cz

PSP PROCESSES OF FURNITURE DESIGN (3304V000 without fields of study)

Entrance examination topics:

- Furniture Production

Contact: doc. Ing. Daniela Tesarova, Ph.D. – daniela.tesarova@mendelu.cz

How to apply for a postgraduate study at FFWT MENDELU

We accept **electronic application** for postgraduate study at <http://is.mendelu.cz/prihlaska/?lang=en>. Fill out the form, submit, print and sign the final document. Send this document with all required attachments (see below) to following address:

Dean's office – postgradual study
 Faculty of Forestry and Wood Technology
 Mendel University in Brno
 Zemedelska 3
 613 00 Brno
 Czech Republic

Your application is considered submitted only if you have filled out the electronic form, printed out the following document, signed it and sent it to our university along with all required attachments and a proof of payment of the non-refundable application fee. The on-line application will be opened from **1st April to 15th May 2019**. No applications can be submitted after the end of this period.

The non-refundable **application fee** of 20 EUR or 440 CZK has to be paid for all applications. **Proof of payment is required**. Please use the bank transfer to MENDELU.

The fee is payable to the date of submission of applications. The fee is sent to the number indicated in the application form. Payment must simultaneously be marked with a variable symbol, which is automatically assigned individually to each applicant and it is also stated in the application form.

By payment from abroad it is needed to use the international account number IBAN CZ 5201000000354335800227. Bank for e-registration is 35-4335800227 / 0100.

Required attachments:

- your CV (we recommend using the EUROPASS form)
- your university diploma including all attachments (we demand **validation** of your diploma) http://ects.mendelu.cz/en/information_institution/general_arrangements?lang=en, or Mgr. Bc. Kristýna Knápková – kristyna.knapkova@mendelu.cz
- apostilles for all stamps and signatures in your diploma (required for a non-EU based university only)
- list of your publications, projects and other works
- dissertation topic outline (your goal, theory, general summary of the topic – existing information resources, literature; min 300 words): *see Annex 1*
- transcript of records of your previous study
- proof of payment of the application fee
- two recommendation letters from experts in your field of study
- optional: any other recommendations (your employers, experts, supervisors, proof of your international study stays, internships etc.)

The course and results of the admission procedure

The admission procedure is actually an interview with the admission committee members. An applicant has

to prove his/her knowledge as an university graduate, his/her ability to handle research and creative tasks in the chosen field of study and a foreign language skill (English – preferred, German, French, Spanish or Italian). The admission procedure consists of given examination topics (see the list above), the interview in your chosen foreign language, your thesis proposal and your previous professional work discussion.

The dean or the admission committee can decide to cancel the admission interview and instead decide upon the admission based on received documents which should include also at least two recommendations by experts in the field of study. This is done in case of serious reasons like when the applicant lives outside of Czech Republic.

An applicant will receive the invitation letter for the admission procedure.

Specific dates of the entrance examination will be determined to each candidate on invitation letter to the entrance examination.

The admission committee evaluates an applicant as „recommended“ or „not recommended“. The order of recommended applicants is decided by a committee and given to the Dean of the faculty. The Dean calls a meeting of the faculty admission board which recommends or does not recommend an applicant to the study based on the admission committee materials and appropriate department statement. The Dean has the final say in accepting an applicant to the study.

Admission procedure result

The admission procedure result will be sent to every applicant in a letter no later than 10 days from the Dean's decision. Accepted applicants will also receive an invitation and instructions for the enrollment to the study. **Your personal attendance is required at the enrollment.**

The applicant him/herself only can manage all administrative matters dealing with admission procedure. According to the law Nr. 101/2000 Sb., Personal data protection, we cannot provide any information by telephone or to a third person.

Accession to the study

The education starts on **1st October 2019** in the academic year 2019/2020.
Before the education start, the **enrollment** takes place **for the 1st year of the doctoral study on 19th September 2019, 8^{am} – 2^{pm}.**

Accommodation at the university dormitory in academic year 2019/2020:

The information can be found here: <http://www.skm.mendelu.cz/en/accommodation/for-students/>.

Topics of dissertations will be published on March 31st, 2019 on the website of the Faculty of Forestry and Wood Technology.

Annex 1

Dissertation topic outline

This is a required attachment to the doctoral study application at Faculty of Forestry and Wood Technology, Mendel University in Brno, in the academic year 2019/2020.

Recommended basic points:

Full name (incl. titles):

Birthdate:

I apply for full-time ¹⁾ – part-time ²⁾ form of doctoral study

Programme:

Field of study:

Specialization:

Dissertation title:

Content of your dissertation (goals, methods, estimated results, bibliography – at least one A4 page):

Supervisor: (if you don't know, do not fill anything in)

Date:

Signature:

1,2) Mark your choice