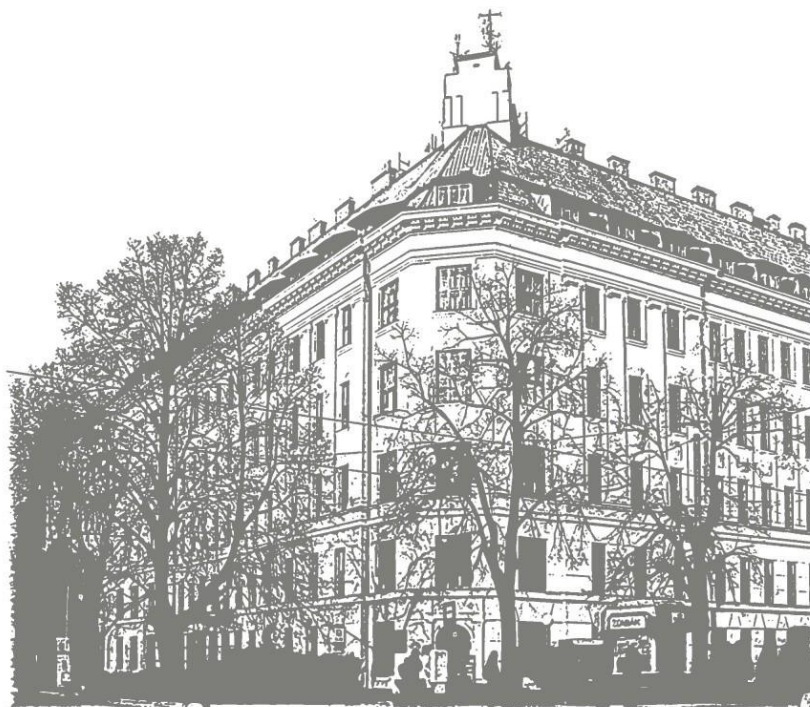


Mendel University in Brno
Faculty of Forestry and Wood Technology

- MENDELU
- Faculty of Forestry
- and Wood
- Technology

Information on Doctoral Study Programmes

Academic year 2020/2021



Brno, 2020

Information on doctoral study programmes at the Faculty of Forestry and Wood Technology, Mendel University in Brno, for the academic year 2020/2021

Doctoral study programmes are provided in both full-time and part-time forms of study, within accredited doctoral study programmes/fields (follows as DSP).

The full-time form of study takes four years in standard duration. The faculty provides a scholarship for students of the full-time form enrolled in the study programmes accredited in Czech language according to generally valid legislation.

The part-time form of study is organized in the form of individual consultations and the duration is the same as for the full-time form of study.

The doctoral study programmes accredited in English are charged with tuition fees. For the academic year 2020/2021, the tuition fee for the English doctoral study programmes has been set at 20, 000 CZK for the complete programme. The fee is divided into 4 payments, each time payable within 30 days of registration for the following study year.

A condition for foreign students wishing to study the Czech version of a doctoral study programme is that the course is studied in Czech language.

Academic study within doctoral study programmes focuses mainly on scientific and individual research work. Doctoral study of the appropriate study programme/field is governed by the appropriate field committee and is conducted under tutorial supervision according to the approved individual study programme. The study requirements are based on the accreditation documentation of the given study programme and other related regulations. During their studies, students of doctoral study programmes must pass at least three exams in core subjects, or four in the case of newly accredited study programmes, as well as one language exam in English, or another foreign language. The course concludes with the state doctoral exam and defence of a dissertation which must include original, published results, or results accepted for publication. Graduates of doctoral study programmes are awarded the academic title of "doctor" (abbreviated as Ph.D. stated after their name).

Accredited study programmes/fields, specializations and subjects of the entrance exam for the admission procedure in the academic year 2020/2021:

For the admission procedure in the academic year 2020/2021, 16 study programmes will be open (11 in Czech and 5 in English).

Doctoral study programmes (DSP) in Czech language:

DSP Landscape Engineering

Field: FOREST ECOLOGY (3914 V 012 without specializations)

Core subjects of the entrance exam:

- Geobiocenologic typology of forest and landscape
- Forestry soil science
- Forest ecology

DSP Landscape Engineering

Field: LANDSCAPING AND LANDSCAPE CONSERVATION (3914V 014 without specializations)

Core subjects of the entrance exam:

- Landscape ecology
- Environment conservation
- Function of landscape vegetation
- Water in the landscape

DSP Landscape Engineering

Field: FORESTRY AND LANDSCAPE ENGINEERING CONSTRUCTION (3914V 025 without specializations)

Core subjects of the entrance exam:

- Construction to achieve forest function
- Environment conservation
- Function of landscape vegetation
- Water in the landscape

DSP Forest Engineering

Field: SILVICULTURE (4107V008 without specializations)

Core subjects of the entrance exam:

- Silviculture
- Forest establishment and cultivation of woody species
- Geobiocenological classification of forest

DSP Forest Phytology (P0511D160001)

Core subjects of the entrance exam:

- English language
- Anatomy and physiology of woody species
- Dendrology

DSP Wood Material Engineering (P0722D160001)

Core subjects of the entrance exam:

- Construction and characteristics of wood
- Materials based on wood
- Modification of material properties
- Composite materials

DSP Processes of Furniture Manufacture (P0722D160003)

Core subjects of the entrance exam:

- Technology of furniture production
- Materials used for furniture production and their characteristics
- Principles of furniture design

DSP Forestry Phytopathology and Mycology (P0511D030019)

Core subjects of the entrance exam:

- Forestry phytopathology
- Mycology

DSP Engineering and Technology in Forestry Processes

Core subjects of the entrance exam:

- Ergonomics and work organization
- Engineering and technology in forestry processes

DSP Forest Management

Core subjects of the entrance exam:

- Forest Management
- Modelling of forest status and development
- Geoinformation technology in forestry

DSP Forest Conservation and Game Management

Core subjects of the entrance exam for the specialization of Forest Conservation:

- Zoology
- Forestry phytopathology
- Forest Conservation

Core subjects of the entrance exam for the specialization of Game Management:

- Zoology
- Game management
- Environment conservation

Doctoral study programmes (DSP) in English language:

DSP Landscape Engineering

Field: FOREST ECOLOGY (3914 V 012 without specializations)

Core subjects of the entrance exam:

- Geobiocenologic typology of forest and landscape
- Forestry soil science
- Forest ecology

DSP Forest Phytology (P0511D160002)

Core subjects of the entrance exam:

- English language
- Anatomy and physiology of woody species
- Dendrology

DSP Wood Material Engineering (P0722D160002)

Core subjects of the entrance exam:

- Construction and characteristics of wood
- Materials based on wood
- Modification of material properties
- Composite materials

DSP Forest Pathology and Mycology (P0511D030020)

Core subjects of the entrance exam:

- Forest Pathology
- Mycology

DSP Forest Management

Core subjects of the entrance exam:

- Forest Management
- Modelling of forest status and development
- Geoinformation technology in forestry

Course application requirements

Applications for doctoral study programmes must be first **filled-in online** at: <http://is.mendelu.cz/prihlaska/>. The applicant must then **print and sign the application** and send it together with the obligatory attachments including the proof of payment of the administration fee, to arrive between 1st April – **15th May 2020** at the following address:

Faculty of Forestry and Wood Technology
Mendel University in Brno
Department of Study - Doctoral Study
Zemědělská 3
613 00 Brno
Czech Republic

Only a **complete, printed and signed** application for study, with all the required attachments, is considered a duly submitted study application.

An administration fee of 450 CZK is charged for the admission procedure for both full-time and part-time study.

The fee is due for payment by the deadline for submitting applications (i.e. by 15th May 2020). The payment shall be made to the account number stated in the electronic application form. The payment must be marked with a variable symbol, which is individually assigned to each applicant, and is also shown in the electronic application form. For payments from abroad, it is necessary to use the international account number IBAN CZ 520100000354335800227. Bank details for e-applications: 35-4335800227 / 0100. The fee can also be paid via the electronic payment gateway in the app for study applications. The fee paid **is non-refundable**.

Application requirements:

The obligatory attachments to the application for study in doctoral study programmes are:

- a) curriculum vitae (structured, EUROPASS format preferred);
- b) officially certified copy of university diploma; Mendel University graduates may submit a simple copy;
- c) list of publications and other creative activities;
- d) outline of topic of dissertation thesis (aim, hypothesis, general overview of the issue – essential publications list, all within one A4 page);
- e) average grades during master's (engineering) studies;
- f) any other reference documents (references from an employer, a specialist in the field, evidence of traineeships, etc.).

Applicants for doctoral study programmes **from abroad** (except for Slovak applicants), who have obtained a foreign university degree, are obliged to enclose:

- a) original validation (nostrification) document on recognition of university education in the Czech Republic according to binding Czech regulations;
- b) curriculum vitae (structured, EUROPASS format preferred);
- c) copy of foreign diploma or a document in lieu of the foreign diploma;
- d) list of publications and other creative activities;
- e) outline of topic of dissertation thesis (aim, hypothesis, general overview of the issue – essential publications list, all within one A4 page);
- f) average grades during master's (engineering) studies.
- g) any other reference documents (references from an employer, a specialist in the field, evidence of traineeships, etc.).

Deficiencies in the electronic application form shall be remedied by the applicant in the manner and within the time limits specified in the University Information System (UIS), or on the basis of instructions from the Study Department of the Faculty. Failure to remedy the deficiencies may result in suspension of the admission procedure. In the case of non-payment of the administration fee relating to applications, the admission procedure will be terminated.

By his/her signature, the applicant confirms the correctness and truthfulness of the data stated in the application form.

Information on the course and results of the admission procedure

On the basis of the submitted applications, the applicants will be invited (in written form) to an oral entrance exam that takes place in front of an examination board. The applicants must demonstrate their orientation in the pre-determined core subjects of the selected field at university graduate level and aptitude for scientific and creative activities. A part of the entrance exam is an interview in a selected foreign language (English, German, French, Spanish, Italian) and an interview on the topic of the dissertation and the applicant's current professional activities.

Under exceptional circumstances, such as residence of the applicant outside the Czech Republic, the Dean or the DSP Admission Committee may decide to forego the interview and to assess the candidate's qualifications on the basis of the submitted documents which must include recommendations from at least two leading experts.

The actual date of the entrance exam (about mid-June) will be announced to the applicants well in advance, by a written invitation to the entrance exam.

The administration fee is not refundable in case of the applicant's absence from the entrance exam.

The examination board will evaluate the candidate's expertise, their prerequisites for scientific work on the basis of previous scientific, publishing and other creative activities and language qualifications with an evaluation of: recommended - not recommended. The examination board shall determine the order of the recommended candidates in the relevant doctoral study programmes/fields and forward it to the Dean, who convenes the DSP Admission Committee. Based on the results assessed by the examination boards and the statements of the relevant departments and potential supervisors, the DSP Admission Committee makes a recommendation to the Dean to admit applicants within the acceptable number of students for doctoral study programmes.

Results of the admission procedure

Written notification of the results of the admission procedure will be sent to applicants by registered post within 10 working days of the Dean's decision. Accepted applicants will also receive an invitation to enrol in the first year. **Participation in enrolment is obligatory.**

Administrative matters relating to the admission procedure shall be dealt with exclusively by the applicant in communication with the Dean's Office (in the review procedure with the Rector). With regard to the wording of Act No. 101/2000 Coll., The Personal Data Protection Act, information cannot be given by telephone or communicated to third parties.

Starting the course

Tuition in the 2020/2021 academic year will begin on **1st October 2020.**

Enrolment for the first year of study will take place on 17th September, 2020, from 8 am to 2 pm at the Dean's Office of the Faculty of Forestry and Wood Technology, **Zemědělská 3, Brno, Czech Republic.**

Accommodation in Halls of Residence in the academic year 2020/2021:

Those interested in accommodation in the Halls of Residence of the Mendel University in Brno in the academic year 2020/2021 must submit an application for accommodation based on the information given on the website of the Student Hostels and Canteens Administration of Mendel University in Brno:

<http://www.skm.mendelu.cz/en/>.

Dissertation topics will be published on 31st March, 2020 on the FFWT website.

Attachment 1

General outline of dissertation thesis topic

Obligatory appendix to an application for a doctoral study programme at the Faculty of Forestry and Wood Technology at Mendel University in Brno, for the academic year 2020/2021.

Recommended outline for general content of dissertation thesis, to be enclosed along with an application for a doctoral study programme at the Faculty of Forestry and Wood Technology, Mendel University in Brno, for the academic year 2020/2021:

Name and surname, title:

Date of birth:

I am applying for the full-time ¹⁾ - part time ²⁾ form of doctoral study

Programme:

Field:

Specialization:

Dissertation title:

Contents of the dissertation (aim, methodology, expected results and list of publications, all within one A4 page format):

Supervisor: (omit if not known)

Date:

Applicant's signature:

^{1), 2)} Delete as appropriate