

**Rules and Requirements for Doctoral Study Programmes (DSP) at the FFWS**

**Rules and Requirements:**

**1) Individual Study Plan (ISP)**

**Subjects defined by the respective Field of Study Boards:**

	Specialised subjects (minimum number of subjects 5)				Other obligatory subjects		
	Obligatory specialised subjects		Optional specialised subjects				
Programme	Obligatory specialised subjects	Applied statistics*	Obligatory electives**	Optional subjects**	Methodology of research	Didactical and presentation skills***	English
<b>FB</b>	Ethics in science	no	1	2	in the 1 <sup>st</sup> year	yes	yes
	Advanced statistical methods in forest biology						
<b>FM</b>	Forest Management	yes	-	2	in the 1 <sup>st</sup> year	yes	yes
	Forest Yield						
<b>FPGM</b>	Integrated Pest Management	yes	-	2	in the 1 <sup>st</sup> year (exceptionally in the 2 <sup>nd</sup> year)	yes	yes
	Game Management						
<b>SI</b>	Forest Ecology	yes	-	2	in the 1 <sup>st</sup> year	yes	yes
	Silviculture						
<b>WPFM</b>	Forest Harvesting and Wood Transport	yes	-	2	in the 1 <sup>st</sup> year	yes	yes
	Wood processing						
<b>EME</b>	Forestry management	yes	1	2	in the 1 <sup>st</sup> year	yes	yes

\* if a student passes a similarly focused exam, taking the Applied Statistics exam is not required (in such a case, it is necessary to submit a written application to the S&R department requiring Applied Statistics exam replacement with a similarly focused exam; the change must be approved by the S&R Dean)

\*\* defined by the respective Field of Study Boards (presented on the FFWS / science & research website)

\*\*\* only for full-time study

- students choose the number of optional specialised subjects so that the total number of specialised subjects (including the "Applied statistics" subject in FM, FPGM, SI, WPFM and EME programmes or "Advanced statistical methods in forest biology" subject in FB programme) that they study is at least five in each DSP programme
- students usually take one specialised subject exam of the accredited doctoral study programme at another faculty of the CULS in Prague or another university

#### Further obligations:

- **an individual study plan (ISP)** must be submitted **by the end of the first month of studies** (detailed information in the Study and Examination Regulation for DSP CULS studies currently in force)
- **a dissertation thesis (DissT) methodology** must be submitted **within three months of the beginning of studies** (detailed information in the Study and Examination Regulation for DSP CULS studies currently in force)
- preparing a **literary research** related to the topic of the DissT and its presentation at the workplace (department) **by the end of the first year**. The research must be at least 20 standard pages (SP), excluding references. Students submit confirmation of the literary research presentation to the S&R department immediately after the presentation
- **presenting the results of their work at least once every study year** at a recognized expert forum, scientific conference, symposium or seminar. Fulfilment is confirmed by supplying the conference / symposium / seminar programme. The supervisor may define a particular form of presentation for a doctoral student. The FPGM programme requirement for the state doctoral examination (hereinafter SDE) is a presentation at a minimum of two science conferences with contributions published in an almanac / expert journal
- **foreign internship** of a minimum of four weeks; after Field of Study Board approval, foreign internship may be replaced by active participation of a student at an international research project with results published or presented abroad

## 2) State Doctoral Examination (SDE)

### Subjects for the SDE:

Programme	2 subject areas		Minimum number of specialised subjects
	Obligatory ISP subjects	Specialisation subjects	
FB		3 – given by the DissT topic	3
FM	Forest Management	2 – given by the DissT topic (may not be a part of the ISP)	3
FPGM	Integrated Pest Management Game Management	1 – given by the DissT topic	3
SI	Forest Ecology Silviculture	1 – given by the DissT topic	3
WPFM	Forest Harvesting and Wood Transport Wood processing	1 – given by the DissT topic	3
EME	Forestry management Economics of Forest Management/Economics of Wood Processing Enterprises	1 – given by the DissT topic	3

\*Specialized subject does not have to be included in the student's ISP

- **an application** for the SDE, using the required form, and a **DissT proposal** must be submitted to the S&R department of the FFWS at least 45 days before the end of the standard study programme duration, including the optional interruption time

Should a doctoral student not submit an application for the SDE within this term, they may apply for study interruption. If the admissible study interruption duration is exceeded, the student's studies will be terminated (according to Study and Examination Regulation for DSP CULS studies)

### Requirements for dissertation theses (DissT proposal):

- the minimum extent of the proposal is determined by the respective subject area board:

Subject area	Minimum extent	Minimum number of quotations
FB	30 SP	100
FM	30 SP	50 (mostly foreign)
FPGM	30 SP	50-100 (mostly foreign, 60% Scopus, WOS)
SI	30 SP	50 (mostly foreign, Scopus, WOS)
WPFM	35 SP	50 (mostly foreign, Scopus, WOS)
EME	30 SP	30

- the minimum extent of a proposal applies solely to the expert text (not to the table of contents, acknowledgement, title page, cited resource list, appendices, etc.)
- citations in Slovak are not considered foreign language citations
- all citations must be from resources demonstrably studied by the applicant

- proposals must be prepared according to the respective guideline of the FFWS Dean "**FFWS rules for producing a dissertation interim report, a dissertation abstract, and a final dissertation**" currently in force.
- proposals are submitted in the Czech language (for Czech programmes) – submitting proposals in other languages is possible only upon previous approval of the FFWS Dean

### 3) Dissertation thesis (Disst)

#### Minimum extent and number of citations of the Disst:

- the minimum extent of a Disst is determined by the respective Field of Study Board:

Subject area	Minimum extent	Minimum number of quotations	Extra requirements
FB	100 SP	100	
FM	70 SP	70 (mostly foreign)	
FPGM	60 SP	100-200 (mostly foreign, 60% Scopus, WOS)	Required use of statistical methods, 60% quotations must be included in scientific databases (e.g. WOS, SCOPUS)
SI	70 SP	70	
WPFM	100 SP including appendices	100	
EME	70 SP	60	

- the minimum extent of theses shown in the table applies solely to the expert text (not to the table of contents, acknowledgement, title page, reference list, appendices, etc.)
- citations in Slovak are not considered foreign languages citations
- all citations must be from resources demonstrably studied by the applicant
- submission of a Disst for defence is subject to the respective guideline of the FFWS Dean "**Rules for submission of a final dissertation for defence**" currently in force
- Disst are submitted in the Czech language. Submitting proposals in other languages is possible only upon a filed application approved by the FFWS Dean

#### A Disst may be in the form of a commented set of published articles.

The set must contain at least three publications published or accepted to be published in the Web of Knowledge database journal with an assigned non-zero IF index in the year of publication or the SCOPUS database journal with an assigned SJR

- minimum of two publications must name the student in first place in the collective of authors
- minimum of one publication naming the student in first place in the collective of authors is published in the Web of Knowledge database journal with an assigned non-zero IF index in the year of publication
- the remaining publications must name the student at least in second place in the collective of authors
- these publications must relate to the Disst topic, the Disst must contain their results

- obligatory parts of the DissT are problem analysis, result synthesis, discussion, conclusions, and recommendations for practical application of the findings or further development of the respective field of science to an extent of a minimum of 30 SP

**All the rules for submitting a DissT for defence are defined in the relevant Dean's Regulation, as amended.**

#### **4) Publication activity**

In order to be admitted to the DissT defence, the student must fulfil the following minimum publication requirements:

- in a DissT, DSP students present scientific results which they obtained during their studies
- a DissT must contain original results in at least one publication published or accepted for publication in the Web of Knowledge journal with the assigned non-zero IF in the year of publication and at the same time in the SCOPUS database journal with the assigned non-zero Scientific Journal Ranking Index (SJR) in the year of publication
- SCOPUS may be replaced by impact
- the student must be in first place in the collective of authors

Requirements for the published article acknowledgement:

- the article must **relate to the topic** of the DissT
- publication must be **during the doctoral studies**
- the **affiliation** of the PhD student to its training institution, i.e. **FFWS CULS in Prague, must be mentioned**
- the publication must be **entered into the university CV system**
- in the case of an article "in print", the PhD student submits **the declaration of the journal editors** which must state that the manuscript successfully passed the opposition procedure, has been recommended for publication, stating also in which issue of the journal the article will be published. In the FPGM study programme, only one article accepted for publication is accepted

## 5) Final provisions

This regulation voids the Dean's Regulation No. 6/2016.

This regulation applies to all students of doctoral study programmes enrolling in the FFWS in the academic year 2017/2018 and is valid and effective on the date of the FFWS Dean's signature.

For DSP students who enrolled in the study prior to the validity of this Dean's Regulation, the requirements of the regulations applicable to the student's enrolment apply, i.e. No. 6/2016 or No. 4/2013.

Students who started their studies in the academic year 2016/2017 or earlier and do not have a foreign internship in their ISP may, after agreement with the supervisor, add it to their ISP.

prof. Ing. Marek Turčáni, PhD.

FFWS Dean

Prague, 16 August 2017