

Additional explanations for conducting doctoral studies at UL FME

This appendix briefly explains the procedures for the classic implementation of doctoral studies (Table 1) and the project implementation of doctoral studies (Table 2).

The doctoral study formally begins with the enrolment of a student in the doctoral study and the selection of a mentor.

The next step in implementing doctoral studies is the registration of examinations and the framework topic of the dissertation.

With ***classic implementation*** of doctoral studies, only the relevant registration form is filled in at this stage and a committee for the defence of seminars is appointed.

With ***project implementation***, at this stage: i) Fill in the relevant registration form; ii) Fill in the application to fulfil the obligations of a final year (examination 4 and application for the topic of the doctoral thesis).

The successful presentation of the dissertation topic is usually followed by regular meetings of the doctoral candidate and the Committee supervising the candidate's work towards the end of the academic year. Minutes are taken of each meeting and signed by the mentor and the doctoral candidate. At the end of the third year of doctoral studies, this meeting coincides with the presentation of the results of the student's work.

With successful publications, the doctoral student may decide, in consultation with the mentor, to write a doctoral thesis with papers. The conditions for such a type of writing are laid down in the [Rules on doctoral studies at UL](#) and additionally in the [Rules on doctoral studies at FME](#).

The doctoral studies are concluded with a successful defence of the doctoral dissertation.

Proof of completed doctoral studies is provided for both types of implementation with these documents:

- With the completed and signed registration forms for all examinations and the seminar 1.
- With the completed and signed Minutes of the presentation of the topic of the doctoral thesis in the Doctoral programme MECHANICAL ENGINEERING - Level III and signed assessment of the topic of the doctoral dissertation, prepared by the Committee for monitoring the doctoral student.
- With the completed and signed Minutes on the presentation of the results of research work at the Doctoral study programme MECHANICAL ENGINEERING - Level III.
- With the assessment of the doctoral dissertation written by the members of the Committee for monitoring the doctoral student.

The special feature of the project implementation of the doctoral study is the following:

In the ninth to twelfth month of study, a public presentation of the seminar and the doctoral topic is held. In the process, the student submits the Seminar I to the student office and applies for the presentation of the topic of the doctoral dissertation, and the mentor submits a proposal of the Committee for monitoring the doctoral student (KSDŠ). KDS appoints the members of

KSDŠ, who are confirmed by the Senate. The mentor coordinates the date for the presentation of the seminar and the topic of the doctoral dissertation with the lecturers, members of the Seminar committee and members of KSDŠ and sends them to the Student Affairs Office at least 8 days before the date. The public defence takes place in two parts: i) In the first part, the student presents a seminar and answers open questions from individual subjects; the passed examinations and the seminar are confirmed by the course conveners and the Seminar defence committee by filling out the Seminar application form and entering the grades in the VIS; ii) In the second part, the student presents the topic of the doctoral dissertation publicly to the members of KSDŠ. The KSDŠ confirms the successful defence of the topic with the Minutes and writes an assessment of the presented topic.

Table 1- Classic implementation of doctoral studies

Year/ activity	Classic implementation of doctoral studies	ECTS	Month of study
Year 1			
1	Exams 1-3	30	M6-M9
2	Seminar (literature review)	5	M9-M12
3	Research work	25	M12
	Total ECTS year 1	60	
Year 2			
4	Exam 4	5	M15
5	Doctoral dissertation topic	10	M18
6	Research work	35	M24
7	1 st regular meeting of the student and the Committee for monitoring the doctoral candidate + evidence of progress		M22-M24
	Total ECTS Year 2	60	
3. 2			
8	Research work	55	
9	Presentation of the study results	5	M36
10	2 nd regular meeting of the student and the Committee for monitoring the doctoral student + evidence of progress		M36
	Total ECTS Year 3	60	
Year 4			
11	Research work	55	
12	Preparation and defence of the doctoral dissertation	5	M48
	Total ECTS Year 4	60	
TOTAL		240	

Table 2 - Project implementation of the doctoral study

Year/ activity	Project implementation of doctoral studies	ECTS	Month of study
Year 1			
1	Public defence (simultaneously it is the 1 st regular meeting of the student and the Commission for monitoring the candidate), which includes:		M9-M12
1.1	Seminar (literature review)	5	
1.2	Doctoral dissertation topic	To be carried out	
1.3	Exams 1-3	30	
1.4	Exam 4	To be carried out	
2	Research work	25	M12
	Total ECTS year 1	60	
Year 2			
4	Exam 4	5 (to be entered)	M15
5	Doctoral dissertation topic	10 (to be entered)	M15
6	Research work	35	M24
7	2 nd regular meeting of the student and the Committee for monitoring the doctoral student + evidence of progress		M22-M24
	Total ECTS Year 2	60	
3. 2			
8	Research work	55	
9	Presentation of the study results	5	M36
10	3 rd regular meeting of the student and the Committee for monitoring the doctoral candidate + evidence of progress		M36
	Total ECTS Year 3	60	
Year 4			
11	Research work	55	
12	Preparation and defence of the doctoral dissertation	5	M48
	Total ECTS Year 4	60	
TOTAL		240	