

Skupni sestanek s študenti 1. letnika dr. študija in mentorji

Joint meeting with 1st year PhD students and their mentors

Študijsko leto 2025/2026
Academic year 2025/2026

DOKTORSKI ŠTUDIJSKI PROGRAM III. stopnje obsega 6 pomembnih postopkov:

1. Registracijo izpitov,
2. Prijavo dispozicije (teme) doktorske disertacije,
3. Predstavitev rezultatov raziskovalnega dela,
4. Oddajo doktorske disertacije,
5. * Ocenitev doktorske disertacije,
6. Zagovor doktorske disertacije.

COURSE OF STUDY

DOCTORAL STUDY PROGRAM OF III. level is comprised from 6 important procedures:

1. Registration of courses
2. Submitting an application for a doctoral dissertation topic
3. Presenting the results of the research work
4. Submitting the PhD thesis
5. * Evaluation the PhD thesis
6. Public defense of the PhD thesis

POTEK DOKTORSKEGA STUDIJA

Klasični način izvajanja študija

Exam-based (classical) study

I. Letnik/ I. Year					
1. sem.			2. sem.		
		ECTS			ECTS
Predmet/Subject A	ORG	10	Predmet/Subject C	ORG	10
Predmet/Subject B	ORG	10	Raziskovalno delo/R&D	RAZ	15
Raziskovalno delo/R&D	RAZ	10	Seminar I. - (report on R&D)	ORG	5
Skupaj/Total ECTS		30	Skupaj/Total ECTS		30
II. Letnik/ II. Year					
3. sem.			4. sem.		
		ECTS			ECTS
Predmet/Subject D	ORG	10	Raziskovalno delo/R&D	RAZ	25
Raziskovalno delo/R&D	RAZ	20		ORG	5
Skupaj/Total ECTS		30	Skupaj/Total ECTS		30

1st Y: at least 50 KP
 2nd Y: at least 50 KP +
 submitted PhD topic +
 accepted @FS/FME)
 3rd Y: at least 50 KP
 (accepted @UL)
 4th Y+: submitted thesis +
 thesis defense

POTEK DOKTORSKEGA STUDIJA

Klasični način izvajanja študija

Exam-based (classical) study

III. Letnik / III. Year					
5. sem.			6. sem.		
		ECTS			ECTS
Raziskovalno delo/R&D	RAZ	30	Raziskovalno delo/R&D	RAZ	25
			Predstavitev rezultatov/Presentation of results of R&D	ORG	5
Skupaj/Total ECTS		30	Skupaj/Total ECTS		30
IV. Letnik / IV. Year					
7. sem.			8. sem.		
		ECTS			ECTS
Raziskovalno delo	RAZ	30	Raziskovalno delo	RAZ	25
			Izdelava in zagovor doktorske disertacije	ORG	5
Skupaj/Total ECTS		30	Skupaj/Total ECTS		30

POTEK DOKTORSKEGA ŠTUDIJA

Projektni način izvajanja študija

1. letnik	Project-based study		
1	Public presentation/Javni zagovor (hkrati je to 1. Redno srečanje študenta in Komisije za spremljanje Kandidata also includes 2.nd meeting of student and the PhD commision), and includes		M9-M12
1.1	Seminar (pregled literature) / State of the art, literature review	5	
1.2	Tema doktorske disertacije / Topic of the doctoral thesis	Se izvede / is performed	
1.3	Izpiti 1-3 / Exams 1-3	30	
1.4	Izpit 4 / Exam 4	Se izvede / is performed	
2	Raziskovalno delo / R&D	25	M12
	Skupaj/Total ECTS 1. letnik/year	60	
2. Letnik			
3	Tema doktorske disertacije / Topic of the doctoral thesis	5 (se vpiše/is recorded)	M16
4	Izpit 4 / Exam 4	10 (se vpiše/is recorded)	M16
5	Raziskovalno delo / R&D	45	M24
6	2. redno srečanje študenta in Komisije za spremljanje dela kandidate (2.nd meeting of student and the PhD commision)		M22-M24
	Skupaj/Total ECTS 2. letnik/year	60	

In 1st Y one can take also courses from 2nd Y (needs a formal approval)

POTEK DOKTORSKEGA ŠTUDIJA

Projektni način izvajanja študija

Project-based study

3. letnik			
7	Raziskovalno delo / R&D	55	
8	Predstavitev rezultatov dela / Presentation of the results of work	5	M30
9	3. redno srečanje študenta in Komisije za spremljanje dela kandidata + dokazila o napredku / 3rd. Meeting with the PhD commission		M36
	Skupaj/Total ECTS 3.letnik/year	60	
4. letnik			
10	Raziskovalno delo / R&D	55	
11	Izdelava in zagovor doktorskega dela / Writing and Defence of a PhD project	5	M48
	Skupaj/Total ECTS 4.letnik/year	60	
SKUPAJ/ TOTAL		240	

1. Registracija izpitov

https://www.fs.uni-lj.si/studij/studiraj-na-fs/studentski-referat/navodila-in-obrazci/postopki-in-obrazci/#tab_1_1

- Naslov okvirne teme v slovenščini in angleščini.
- Mentor/somentor (Pogoji za (so)mentorstvo v [Pravilnih o doktorskem študiju na UL FS](#)).
- **Izbira:** Projektni ali klasični način študija.
- Predmeti v skupni vrednosti najmanj 40 KT (pri mentorju in pri vsakem nosilcu/izvajalcu samo 1 izpit, do 2 predmeta možno nadomestiti z zunanjimi, 1 predmet z generičnimi vsebinami).
Predmetnik: <https://www.fs.uni-lj.si/studij/studij-3-stopnje/doktorski-studijski-program-strojništvo/predmetnik/>
- Komisija za zagovor seminarja I (naj bo čim bolj podobna KSDŠ – glej 12. člen Pravil o doktorskem študiju na UL FS).

Obrazec za registracijo izpitov se oddaja na sejo Komisije za doktorski študij. Rok za oddajo – cca. teden dni pred sejo. Glej Letni koledar.

1. Registration of courses

https://www.fs.uni-lj.si/en/study/3rd-cycle-doctoral-study-programme/procedures-and-forms/#tab_1_1

- Title of framework topic in English and Slovene.
- Mentor/co-mentor (See requirements for mentor/co-mentor in [Rules of doctoral study at UL FME.](#))
- **Choose:** project-based study or classic study.
- All subjects together must be valued with no less than 40 ECTS (only 1 subject at 1 convener/coordinator, 2 subjects can be replaced by courses outside FME, 1 by choosing generic content).

Subjects: <https://www.fs.uni-lj.si/studij/studij-3-stopnje/doktorski-studijski-program-strojništvo/predmetnik/>

- Seminar defense committee (should be similar to DSSC – check Article 12 in Rules of doctoral study at UL FME).

The registration form must be submitted to the session of Doctoral Studies Committee. The deadline is cca. one week before the session. Please see: **Letni koledar.**

2. Prijava dr. teme

https://www.fs.uni-lj.si/studij/studiraj-na-fs/studentski-referat/navodila-in-obrazci/postopki-in-obrazci/#tab_3_1

- V 1. letniku – projektni način študija; v 2. letniku – klasični način študija.
- Prijava dr. teme na KDŠ – predstavitev dr. teme – ocena dr. teme (ponovno na KDŠ) – potrjena dr. tema na UL FS – prijava dr. teme na UL (seja KDrŠ UL) – potrjena dr. tema na UL (5 KT v VISu).

Pripravite predlog dr. teme čimprej. April/maj/junij.

2. Thesis topic registration

https://www.fs.uni-lj.si/en/study/3rd-cycle-doctoral-study-programme/procedures-and-forms/#tab_3_1

- In 1st Year – project-based study; in 2nd Year – classic study.
- The disposition (thesis topic registration) goes to Doctoral Studies Committee – presentation of your topic – evaluation of your topic (again to DSC) – your topic is accepted at UL FME – the registration of your topic at UL (Doctoral Studies Committee at UL) – your topic is registered at UL (5 ECTS in VIS).

**Start preparing your disposition as soon as possible:
April/May/June.**

PRIPOROČILA RECOMMENDATIONS

Začnite čimprej

registracija izpitov

Sledite obveznostim.

Preden se lotite raziskav : odličen
pregled stanja (State of the art)

OPOMBA: glavni cilj vašega doktorata ne sme biti objava v reviji JCR! Publikacija je pravzaprav poročilo o vašem delu in njegovem prispevku v globalno družbo.

Start ASAP

registration of courses

Take care about obligations.

Before starting: State of the art

NOTE: the main objective of your PhD should not be not a publication in JCR journal ! The publication is actually the report on your work and its contribution to the global society.

PRIPOROČILA RECOMMENDATIONS

Pravočasno pripraviti predlog teme.

The PhD topic registration soon enough.

Pozor KT za prehode:

SLO: https://www.fs.uni-lj.si/studij/studij-3-stopnje/doktorski-studijski-program-strojninstvo/splosne-informacije/#tab_2_2

Take care about ECTS (requirements for progression):

EN: https://www.fs.uni-lj.si/en/study/3rd-cycle-doctoral-study-programme/doctoral-programme-in-mechanical-engineering/program-information/#tab_4_2

Članki (minimum): 2x – eden Q1 in drugi ne manj kot Q3 in obakrat prvi avtor; ali 2 x Q2 obakrat prvi avtor.

Articles (minimum): 2x- one article in Q1 and the second not less than Q3 - first author; or 2x in Q2, first author.

***Članki morajo biti objavljeni ali sprejeti v objavo pred oddajo disertacije.**

***The articles must be published or accepted before the submission of your PhD Thesis.**

SPLOŠNA ZNANJA SOFT SKILLS

- Functional knowledge and skills for better presentation, communication, dissemination, scientific writing, writing (EU) project proposals.
- Karierni centri UL / Career center UL – *Andreja Jurček*
(andreja.jurcek@uni-lj.si) - <https://www.uni-lj.si/studij/karierni-centri>
- Informativni letak Doktorske šole UL / Helpful information of the Doctoral School UL - <https://www.uni-lj.si/studij/doktorski-studij/koristne-informacije>

SPECIFIČNA ZNANJA SPECIFIC KNOWLEDGE INFORMATION

- <https://www.coursera.org/learn/sciwrite/>
- <https://www.coursera.org/>
- <https://www.edx.org/>
- [Pedagoški/raziskovalni kolokviji na FS](#)

Smernice akademskega pisanja in uspešnega objavljaja znanstvenih člankov (delavnica za dr. študente), prof. dr. Marjan Mernik (UM FERl)

Guidelines for Academic Writing and Successful Publication of Scientific Papers (Workshop for doctoral students)

Mikrofon v roke – Prepričljiv javni nastop za doktorske študente

Workshop for doctoral students on public speaking.

MEDNARODNE IZKUŠNJE INTERNATIONAL EXPERIENCES

Razmišljajte o mednarodnih izkušnjah, izmenjavi v okviru Erasmus programov, Likarjevega in ostalih skladov.

Prednosti:

- bogate izkušnje
- samozavest
- razgledanost
- povezave

Think about international experiences, Erasmus exchange programmes, Likar's fond and others.

Advantages:

- experience
- self esteem
- informal education
- networking

- **Mednarodna pisarna / International Students Office**

Grubor Železnik Dušanka

soba 204,

tel.: [01 4771 204](tel:014771204)

dusanka.gruborzeleznik@fs.uni-lj.si

Podjetništvo Entrepreneurship

- IZKORISTITE PRILOŽNOST / take advantage of opportunity
- PREIZKUSITE SE / challenge yourself



<https://lui.si/>



<http://www.tp-lj.si>

Inženirji smo športniki Engineers are athletes

TIMSKI DUH / Team spirit - na fakulteti spodbujamo in skrbimo za športno aktivnost študentov in zaposlenih / at the FME we encourage and care about how active the students and our employees are.

Športno društvo FS nudi / Sport club at FS offers:

- timske in posamične športne aktivnosti (nogomet, košarka, odbojka, floorball, judo, curling, rokomet ...) / team and individual sports
- tečaj smučanja / skiing course
- udeležbo na tekmovanjih / competitions

Več informacij / More info:

- **Učitelji športne vzgoje / Sport teachers at FS**
- Facebook: Šport na Fakulteti za strojništvo



<https://www.facebook.com/SportNaFakultetiZaStrojnistvo/>

Inženirji se povezujemo Engineers are networking

- Študentski svet FS
Students council FS



- Alumni klub FS
Alumni club FS



- Društvo doktorskih študentov FS
The Society of Doctoral Students of
Mechanical Engineering





UNIVERZA
V LJUBLJANI

FS

Fakulteta
za strojništvo

VPRAŠANJA QUESTIONS



UNIVERSITY
OF LJUBLJANA

FS

Faculty of
Mechanical Engineering

Vsa vprašanja tekom študija
lahko naslovite na:

FS.doktorski@fs.uni-lj.si

or

If you have any questions
during your study, please
send an e-mail to:

tjasa.sterlepolak@fs.uni-lj.si

Dobrodošli na doktorskem študiju.

Welcome at our PhD programme.