UNIVERZA V LJUBLJANI | FS Fakulteta za strojništvo

UNIVERSITY OF LJUBLJANA | FS Faculty of Mechanical Engineering

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

Joint meeting with 1st year PhD students and their mentors

Študijsko leto 2026/2027

Academic year 2026/2027

POTEK DOKTORSKEGA ŠTUDIJA

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.

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COURSE OF STUDY

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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

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POTEK DOKTORSKEGA ŠTUDIJA
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	Tema doktorske disertacije	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

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POTEK DOKTORSKEGA ŠTUDIJA
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

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POTEK DOKTORSKEGA ŠTUDIJA

Projektni način izvajanja študija

Project-based study

1. letnik			
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)

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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 kandidta + 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**	

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1. Registracija izpitov

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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-strojnistvo/predmetnik/
- Komisija za zagovor seminarja I (naj bo čim bolj podobna KSDŠ – glej12. 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**.

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1. Registration of courses

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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 valuated with no less then 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-strojnistvo/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.

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PRIPOROČILA
RECOMMENDATIONS

Začnite čimprej	**Start ASAP**
registracija izpitov	registration of courses
Sledite obveznostim.	Take care about obligations.
Preden se lotite raziskav : **odličen pregled stanja (State of the art)**	Before starting: **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.

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.

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PRIPOROČILA
RECOMMENDATIONS

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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-strojnistvo/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. *Članki morajo biti objavljeni ali sprejeti v objavo **pred** oddajo disertacije.	Articles (minimum): 2x- one article in Q1 and the second not less than Q3 - first author; or 2x in Q2, first author. *The articles must be published or accepted **before** the submission of your PhD Thesis.

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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 objavljanja znanstvenih člankov (delavnica za dr. študente), prof. dr. Marjan Mernik (UM FERI)	Guidelines for Academic Writing and Successful Publication of Scientific Papers (Workshop for doctoral students)

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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 programms, 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
dusanka.gruborzeleznik@fs.uni-lj.si

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Podjetništvo
Enterpreneurship

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



https://lui.si/



http://www.tp-lj.si

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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/

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Inženirji se povezujemo
Engineers are networking

- Študentski svet FS

Students council FS

ŠSFS
ŠTUDENTSKI SVET
FAKULTETE ZA
STROJNIŠTVO

- Alumni klub FS

Alumni club FS

ALUMNI KLUB
Fakultete za strojništvo

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Društvo doktorskih študentov strojništva / The Society fo Doctoral Students of Mechanical Engineering

Kdo smo?

- Društvo, ki združuje trenutne in pretekle doktorske študente FS.
- Več kot 200 članov.
- Ustvarjeni za povezovanje članov in izmenjevanje znanja in izkušenj.
- Odbojkarski navdušenci, bowling eksperti, poznavalci fizike biljarda, gorske koze...

Who are we?

- Society that includes current and former PhD students of FS.
- More than 200 members.
- Made to connect and exchange knowledge and experiences between members.
- Volleyballers, bowling maniacs, billard physics experts, mountain goats...

2026/2027

Skupni sestanek s študenti 1. letnik dr. študija in mentorji
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Društvo doktorskih študentov strojništva / The Society fo Doctoral Students of Mechanical Engineering

Naše aktivnosti zajemajo:

- Doktorske kave.
- Druženje ob bowlingu in biljardu.
- Strokovne ekskurzije.

Poleti pa:

- aktivno igramo odbojko, hodimo v hribe, kolesarimo idr.

Najpomembneje:

Organiziramo zaključni PIKNIK!!

Our activities include:

- Doctoral coffees.
- Playing bowling and billardsy.
- External excursions.

During the summer we:

- play volleyball, go hiking, go cycling etc.

And most importantly:

We organize summer PICNIC!!

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Društvo doktorskih študentov strojništva / The Society fo Doctoral Students of Mechanical Engineering

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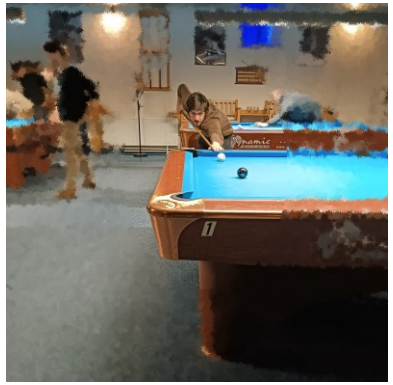










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Kako se včlanim?

IZPOLNIM PRIJAVO

PLAČAM VPISNINO (10 €)

UŽIVAM V DOGODKIH

How do I sign up?

FILL THE SIGN-UP FORM

PAY THE SIGN-UP FEE (10 €)

ENJOY THE EVENTS

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VABLJENI!



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Novice iz ŠR
News from Student Affairs Office

Če imate administrativna vprašanja glede določenih postopkov, rokov ipd. – vprašajte (uradnih ur ni, pridete/pokličete/pišete lahko kadarkoli).

ZUNANJI IZBIRNI PREDMETI – **sporočite čim prej** v ŠR, da vas prijavim. Tudi, če še niste oddali registracije izpitov.

E-MAILI (katere e-maile ste navedli v VIS? – zavihek: Moji osebni podatki) – prosim, berite e-maile, ki prihajajo od doktorski@fs.uni-lj.si ali tjasa.sterlepolak@fs.uni-lj.si. Preverite, katere e-maile imate navedene v VISu in po potrebi sporočite spremembo.

If you have any administrative questions regarding specific procedures, deadlines, or similar matters, please feel free to ask. There are no fixed office hours, so you are welcome to visit/call/write at any time.

EXTERNAL ELECTIVE COURSES – please inform the Doctoral Office **as soon as possible** if you wish to take any external elective courses so that I can register you. This applies even if you have not yet submitted your exam registration form.

E-MAILS (which e-mail addresses have you listed in VIS? – tab: *Personal Information*) – please make sure to read all e-mails sent from **doktorski@fs.uni-lj.si** or **tjasa.sterlepolak@fs.uni-lj.si**. Check which e-mail addresses are currently registered in VIS and notify us of any changes if necessary.

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VPRAŠANJA
QUESTIONS

Vsa vprašanja tekom študija lahko naslovite na:

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

FS.doktorski@fs.uni-lj.si or tjasa.sterlepolak@fs.uni-lj.si

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Dobrodošli na doktorskem študiju.

Welcome at our PhD programme.

2026/2027

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