

## UČNI NAČRT PREDMETA / COURSE SYLLABUS

<b>Predmet:</b>	MAGISTRSKO DELO
<b>Course Title:</b>	MASTER'S THESIS

Študijski program in stopnja Study Programme and Level	Študijska smer Study Field	Letnik Academic Year	Semester Semester
MAG Tehniška varnost, 2. stopnja	/	2.	4.
USP Technical Safety, 2 <sup>nd</sup> Cycle	/	2 <sup>nd</sup>	4 <sup>th</sup>

**Vrsta predmeta / Course Type:** obvezni/ Mandatory

**Univerzitetna koda predmeta / University Course Code:** MAG

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Work	Druge oblike študija	Samost. delo Individual Work	ECTS
/	/	/	/	450	450	30

**Nosilec predmeta / Lecturer:** /

**Jeziki / Languages:**

	<b>Predavanja / Lectures:</b> /
	<b>Vaje / Tutorial:</b> /

<b>Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:</b> Študent oz. kandidat mora imeti predmet opredeljen kot študijsko obveznost.	<b>Prerequisites:</b> The course has to be assigned to the student.
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**Vsebina:**

Magistrsko delo se opravlja iz področja tehniške varnosti. Vsebina in naslov se določata v soglasju z izbranim mentorjem. Mentor je lahko učitelj na UL FKKT [t.j. zaposleni na fakulteti na učiteljskem delovnem mestu ali zaposleni na fakulteti na delovnem mestu asistenta, ki ima učiteljski naziv (docent, izredni ali redni profesor) ali nosilec predmeta na študijskem programu 1. ali 2. stopnje UL FKKT, ki ni zaposlen na fakulteti]. Mentor je praviloma učitelj na programu, ki ga je študent vpisal.

**Content (Syllabus outline):**

Master thesis should be made from the field of technical safety. The subject and title are chosen in accordance with the advisor. Advisor can be professor from faculty on UL FKKT [employed by the faculty on work place as a professor or assistant, who has teaching habilitation (assistant professor, associate professor or full professor)]. Adviser is as a rule teacher in a programme selected by the student.

**Temeljna literatura in viri / Readings:**

Knjige in članki, ki so povezani z vsebino magistrskega dela.

**Cilji in kompetence:**

Dokončno oblikovanje pričakovanega lika magistranta. Študent bodo ob izdelavi magistrske naloge pokazal sposobnosti iskanja in zaznavanja problemov varstva pri delu, požarne varnosti ali okoljske varnosti in znal poiskati rešitev za tak problem. Pri delu bodo pokazal, da je pridobil večino kompetenc navedenih v programu študija.

**Objectives and Competences:**

Final formulation of the expected master of science knowledge. Student will show during the master thesis work capability to sensing and solving of the safety at work, fire safety and environmental safety problems. During work he will exhibit that he attained most of the competences described in the programme.

**Predvideni študijski rezultati:**Znanje in razumevanje

Pri izdelavi magistrskega dela bo slušatelj pridobil:

- sposobnosti formuliranja problema,
- sposobnosti samostojnega iskanja ustrezne literature,
- sposobnosti obravnavanja problema v praksi,
- sposobnosti iskanja kvantitativnih rešitev in utemeljevanja ustreznosti rešitev,
- sposobnosti predstavitve rezultatov svojega dela.

Uporaba

Znanje in pridobljene veščine bo magistrant lahko uporabil pri opravljanju poklica in nadaljnjem raziskovalnem delu.

Refleksija

Povezovanje vseh pridobljenih teoretičnih znanj z reševanjem problemov na področju tehniške, požarne in okoljske varnosti ter kritični pogled na uporabnost teh znanj.

Prenosljive spretnosti

Pri delu bo magistrant pridobil znanja o metodah reševanja kompleksnih problemov, o načinu predstavitve teh znanj v pisani in govornjeni obliki povezani z ostalimi metodami posredovanja raziskav, ugotovitev itd.

**Intended Learning Outcomes:**Knowledge and Comprehension

During the master thesis work student will get:

- Skill how to formulate the problem
- Skill of independent literature search
- Skill of problem assessment in praxis
- Skill of finding quantitative solutions and defending the appropriate solution

Skill of presenting results of the work

Application

Knowledge and gathered skills will master student apply while working in his profession and further research work.

Analysis

Linking of the theoretical knowledge with problem solving in the field of technical safety, fire safety and environmental safety and critical view on applicability of the knowledge.

Skill-transference Ability

During work master student will acquire knowledge on methods for complex problem solving, on ways to present this knowledge in written and spoken words in connection with other methods for presenting research, conclusions etc.

**Metode poučevanja in učenja:**

Individualno raziskovalno delo študenta pod mentorstvom.

**Learning and Teaching Methods:**

Independent research work supervised by mentor.

**Načini ocenjevanja:**

Delež (v %) /

Weight (in %) **Assessment:**

<p>Ocenjuje se magistrsko delo (50 %) in zagovor magistrskega dela (50 %)          Komisijo sestavljajo predsednik, mentor in član. Lestvica ocen vsakega dela je od 1 do 10.          Ocene 1 do 5 so negativne, ocene 6 do 10 pa pozitivne in sicer: 6---zadostno, 7---dobro, 8 in 9---prav dobro, 10---odlično</p>		<p>Master's thesis and its presentation are graded separately by a three-member commission (chairman, mentor, additional member).</p>
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**Reference nosilca / Lecturer's references:**

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