

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Magistrsko delo
Course title:	Master Thesis

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Nanoznanosti in nanotehnologije, Informacijske in komunikacijske tehnologije, Ekotehnologije, 2. stopnja		2	4
Nanosciences and Nanotechnologies, Information and Communication Technologies, Ecotechnologies, 2 nd cycle		2	4

Vrsta predmeta / Course type Obvezni / Mandatory

Univerzitetna koda predmeta / University course code: SPL-878

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work	ECTS
				30	870	30

Nosilec predmeta / Lecturer: mentor / Supervisor

Jeziki / Languages: **Predavanja / Lectures:** Slovenski ali angleški / Slovene or English
Vaje / Tutorial:

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Zaključen študij prve stopnje.

Prerequisites:

Completed first level studies.

Vsebina:

Raziskovalno/projektno delo je s področja študijskega programa kandidata in poteka pod vodstvom mentorja oziroma mentorske skupine. Namenjeno je pripravi magistrskega dela.

Magistrsko delo mora biti dosežek samostojnega in originalnega raziskovalnega dela, iz katerega je razvidno, da kandidat obvlada metodo znanstvenoraziskovalnega dela in področje, s katerega je tema njegovega dela.

Content (Syllabus outline):

Project work from the field of the candidate's study programme is conducted under the leadership of a supervisor or group of supervisors. It is intended for preparation of the master thesis.

The master thesis must be the result of independent and original research work, which shows that the candidate mastered the method of scientific research work and the field of his master thesis topic.

Temeljni literatura in viri / Readings:

Zaradi hitrega razvoja področij študija temeljne študijske vire določi mentor individualno. /
Because of the fast development of the study areas the fundamental learning resources are defined individually by the supervisor.

Cilji in kompetence:

Cilj predmeta je priprava magistrskega dela v takšni obliki, da zadošča strogim kriterijem kakovosti šole, kar v postopku ocenjevanja magistrskega dela preveri komisija za oceno dela študijska komisija.

Kandidati se ob pripravi magistrskega dela usposobijo za obvladovanje sodobnih specifičnih strokovnih ali raziskovalnih metod in tehnik na področju svojega magistrskega študija na nivoju, ki omogoča pripravo magistrskega dela.

Objectives and competences:

The objective of this course is preparation of the master thesis in such a form that it fulfills strict criteria of the school, which is verified by the commission for the evaluation of the master thesis and the study commission.

In this process the candidates are trained to master up-to-date specific professional or research methods and techniques in the field of their master studies at the level that allows for preparation of the master thesis.

Predvideni študijski rezultati:

Predmet gradi na sposobnostih, pridobljenih pri predmetu Projekt: Individualno projektno/raziskovalno delo.

Študent pripravi magistrsko delo.

Študent se usposobi za samostojno strokovno delo na svojem študijskem področju.

Intended learning outcomes:

The course builds on abilities obtained at Project: Individual Project/Research Work.

The student prepares the master thesis.

The student is prepared for autonomous professional work in the field of the study program.

Metode poučevanja in učenja:

Konzultacije z mentorjem ali mentorsko skupino, ki usmerjajo individualno raziskovalno delo in pripravo magistrskega dela.

Learning and teaching methods:

Consultations with supervisor and potential cosupervisors, who supervise the preparation of master thesis, individual research work and preparation of the master thesis

Načini ocenjevanja:

Študent pripravi in odda magistrsko delo na način predpisan v Pravilniku o magistrskem in doktorskem študiju.

Predmet je opravljen, ko študijska komisija pozitivno oceni in odobri magistrsko delo.

Delež (v %) /
Weight (in %)

100 %

Assessment:

Candidates prepare and submit the master thesis as prescribed by the Regulations for master and doctoral studies.

The course is completed when the Study Commission positively evaluates and approves the master thesis.

Reference nosilca / Lecturer's references:

Predmet vodijo mentorji, ki so uveljavljeni visokošolski učitelji ali raziskovalci, ki izpolnjujejo pogoje za mentorja mladim raziskovalcem. / The supervisor is an established university teacher or senior researcher who fulfills criteria for supervision of young researchers.