

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Magistrsko delo in magistrski izpit
Course title:	Master work and master exam

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Izobraževalna matematika enopredmetni študij, 2. stopnja		2	2

Vrsta predmeta / Course type

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
					480	16

Nosilec predmeta / Lecturer:

Jeziki / Languages:	Predavanja / Lectures:	SLOVENSKO/SLOVENE
	Vaje / Tutorial:	SLOVENSKO/SLOVENE

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

Opravljeni izpiti iz vseh preostalih predmetov tega študijskega programa.

Passed all other exams of the study programme.

Vsebina:

Študent se poglobi v gradivo, ki mu ga predlaga mentor in na tej podlagi, ob možnih dodatnih virih in originalnih prispevkih, izdelava magistrsko delo. Mentor ga na konzultacijah vodi in mu svetuje. Študent magistrsko delo zagovarja pred komisijo. Pred zagovorom magistrskega dela študent opravi magistrski izpit, v katerem dokaže obvladovanje osnovnih poglavij matematike.

Content (Syllabus outline):

Student studies the material, proposed by the mentor, and on this basis, with the possible additional sources and original contributions prepares the master thesis. The mentor leads him through consultations. Master thesis is defended before a committee. Prior to that, the candidate must pass the master exam, through which he demonstrates a mastery of the basic math concepts.

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Temeljni literatura in viri / Readings:

Študijski vir poda mentor.

Cilji in kompetence:

Uspešno pripraviti in zagovarjati magistrsko delo in opraviti magistrski izpit.

Objectives and competences:

To prepare and defend the master work and pass the master exam.

Predvideni študijski rezultati:

Znanje in razumevanje: Ponovitev osnovnih konceptov algebre in analize. Poglobitev v strokovno področje, v katerega sodi magistrska naloga. Prenesljive/ključne spretnosti in drugi atributi: Usvojitev pravil strokovnega pisanja. Suverena predstavitev ključnih spoznanj in spretnost argumentiranja.

Intended learning outcomes:

Knowledge and Understanding: Reconsideration of the basic concepts of algebra and analysis. In-depty study of the mathematical concepts connected with the master thesis.. Transferable/Key Skills and other attributes: Adoption of the rules of scientific writing. Presentation of key findings and developing argumentative skills.
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Metode poučevanja in učenja:

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| <ul style="list-style-type: none">• Samostojno delo. |
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Learning and teaching methods:

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| <ul style="list-style-type: none">• Individual work. |
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Načini ocenjevanja:

	Delež (v %) / Weight (in %)	
Magistrski izpit	50%	Master exam.
Magistrska naloga	50%	Master thesis.

Assessment:

Reference nosilca / Lecturer's references:

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