



Univerza v Mariboru
University of Maribor

Fakulteta za naravoslovje in
matematiko / Faculty of
Natural Sciences and
Mathematics



OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet:	Magistrsko delo in magistrski izpit
Subject Title:	Master work and master exam

Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Izobraževalna matematika dvopredmetni študij, 2. stopnja		2	4

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Lab. work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
	15				225	8

Nosilec predmeta / Lecturer:

Jeziki / Predavanja / Lecture:
Languages: Vaje / Tutorial:

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

Prerequisites:

Vsebina:

1. Ovitek
2. Notranja naslovna stran
3. Izjava kandidata o avtorstvu
4. Zahvala
5. Izvleček magistrskega dela v slovenskem in angleškem jeziku in ključne besede
6. Pregled vsebine - kazalo
7. Uvod
8. Jedro magistrskega dela
9. Zaključek
10. Literatura in viri
11. Priloge (po potrebi)

Contents (Syllabus outline):

1. Cover
2. Inside title page
3. Statement of the candidate
4. Acknowledgement
5. Abstract of the master work in Slovene and English and key words
6. Review of the subject – index
7. Introduction
8. The core of the master thesis
9. Summary
10. Literature and sources
11. Supplements (if needed)

Temeljni študijski viri / Textbooks:

Osnovno / primary:

- Katz, M. J., 2007: From research to manuscript. A guide to scientific writing. Springer, 152 str.

Cilji:

Magistrsko delo je pisni dokument, s katerim študent dokaže sposobnost uporabe teoretičnih znanj in v praksi pridobljenih izkušenj za rešitev problema, ki si ga je izbral za magistrsko delo..

Priprava na magistrski izpit pomeni študentovo zbrano ponovitev ključnih matematičnih vsebin, ki

Objectives:

The master work is a written document by means of which the student proves ability to use the theoretical knowledge and in his experiences achieved in practical work resolving a problem chosen the theme of his master work.

Preparing for the masters exam provides a student

so za učitelja matematike še posebej pomembna.

a repetition of key mathematical content particularly important for mathematics teachers.

Predvideni študijski rezultati:

Intended learning outcomes:

Znanje in razumevanje:

Znanje širšega strokovnega področja, v katerega spada tema magistrskega dela in ožje znanje razumevanje strokovnih pojmov za celovit prikaz magistrskega dela. Poudarek je na teoretičnih in praktičnih znanjih ter priredbah metodologij zajemanja, obdelovanja in prikazovanja podatkov.

Prenesljive/ključne spretnosti in drugi atributi:

Strokovno zapisovanje in izražanje vsebine, obvladanje reševanja problemov, suverena predstavitev ključnih spoznanj in spretnost argumentiranja.

Metode poučevanja in učenja:

Knowledge and Understanding:

Knowledge of the broader professional field to which belongs the master work, and special knowledge of the glossary as well as the creation of new conceptions. The emphasis is on the theoretical and practical skills in using and adjustment of methods of collecting, processing and presenting data.

Transferable/Key Skills and other attributes:

Documenting and expressing the subject, mastering the solving of the scientific problems, independent presentation of the key conclusions and ability in arguing.

Learning and teaching methods:

Mentor

- Na konzultacijah preverja vsebinski in strukturni vidik magistrskega dela;
- Usmerja kandidata pri predstavitvi dela in na verjetna okvirna vprašanja pri zagovoru.

The supervisor:

- Checks and verifies the thematic and structural aspect of master work in consultations;
- Directs the student in preparation of an appropriate presentation of his work and to the most probable questions with respect to the commission of defense.

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

- Magistrski izpit
- Magistrsko delo;
- Zagovor.

20%
60%
20%

- Master exam
- Master work;
- Presentation.

Materialni pogoji za izvedbo predmeta :

Seminarska soba z osnovnimi audiovizualnimi pripomočki.

Material conditions for subject realization

Study room with the multimedia equipment

Obveznosti študentov:

(pisni, ustni izpit, naloge, projekti)

- Magistrski izpit
- Izdelava magistrskega dela;
- Zagovor pred komisijo.

Students' commitments:

(written, oral examination, coursework, projects):

- Master exam
- Production of the master work;
- Its defense in the presence of the board of examiners.