



OPIS PREDMETA / SUBJECT SPECIFICATION

Predmet: Subject Title:	Magistrsko delo <i>MA Thesis</i>
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Študijski program Study programme	Študijska smer Study field	Letnik Year	Semester Semester
Dvopredmetna izobraževalna fizika Double major Educational Physics		2	4

Univerzitetna koda predmeta / University subject code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Lab. work	Individ. delo mentorja Individ. mentor 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:

Contents (Syllabus outline):

1. Ovitek.
2. Notranja naslovna stran
3. Izjava kandidata o avtorstvu magistrskega dela
4. Zahvala
5. Izvleček magistrskega dela v slovenskem in angleškem jeziku in ključne besede
6. Pregled vsebine - kazalo
7. Pregled slik - kazalo.
8. Pregled tabel - kazalo.
9. Pregled prilog - kazalo.
10. Uvod.
11. Material in metode
12. Rezultati
13. Diskusija
14. Povzetek.
15. Literatura in viri
16. Priloge (po potrebi).
17. Pojmovnik (po potrebi).
18. Kratice in akronimi (po potrebi)

1. Cover.
2. Inside title page.
3. Statement of the candidate about his authorship of the MA degree's work.
4. Acknowledgement.
5. Abstract of the MA degree's work in Slovene and English and key words.
6. Review of the subject – index.
7. Review of the tables – index.
9. Review of the supplements – index.
10. Introduction.
11. Material and methods.
12. Results
13. Discussion.
14. Summary.
15. Literature and sources.
16. Supplements (if needed).
17. Glossary (if needed).
18. Abbreviations and acronyms (if needed)

Temeljni študijski viri / Textbooks:

DEVETAK, Dušan, NOVAK, Tone, ČAGRAN, Branka, PŠUNDER, Majda. Navodila in priporočila za izdelavo strokovnih pisnih izdelkov s področja biologije. Maribor: Pedagoška fakulteta, 2003. 23 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 s prijavo teme diplomskega dela. V magistrskem delu študent pokaže sposobnost izbire in uporabe metod dela v fiziki in uporabe domače ter tuje strokovne literature in dodatnih virov za potrebe rešitve izbranega problema.

Predvideni študijski rezultati:

Znanje in razumevanje:

Znanje širšega strokovnega področja, v katerega sodi magistrska naloga in ožje znanje ter razumevanje pojmovnika, ki ga zajema tema diplomskega dela. Poudarek je na praktičnih znanjih in metodologijah zajemanja, obdelovanja in prikazovanja podatkov.

Prenesljive/ključne spretnosti in drugi atributi:

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

Metode poučevanja in učenja:

Mentor na konsultacijah preverja vsebinski in strukturni vidik naloge.

Mentor pripravi kandidata na elektronsko predstavitev diplomskega dela in na verjetna okvirna vprašanja pri zagovoru.

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Magistrska naloga
Zagovor

70%
30%

Assessment:

MA Thesis
Presentation

Objectives:

The MA degree's work is a written document by means of which the student proves his ability to use the theoretical knowledge and in his practical work achieved experiences in resolving a problem chosen by applying for a theme of his MA degree's work. In his degree's work the student presents the ability to choose and use appropriate methods in physics and literature and additional sources in order to solve the chosen problem.

Intended learning outcomes:

Knowledge and Understanding:

Knowledge of the broader professional field to which belongs the MA degree's work and special knowledge of the glossary concerned by the degree's work theme. The emphasis is on the practical skills and methods of collecting, processing and presenting data.

Transferable/Key Skills and other attributes:

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

Learning and teaching methods:

The content and the structural aspect of the work is monitored by tutor during his consultations.

The candidate is readied by his tutor to present his degree's work electronically and to be able to answer hypothetical questions in defending his work.

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)

Izdelava magistrske naloge in zagovor pred komisijo.

Students' commitments:

(written, oral examination, coursework, projects):

MA Thesis and its defense