



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

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
Fizika 2. st. Physics 2 nd degree		2	4

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
0	0	0	0	0	600	20

Nosilec predmeta / Lecturer:

Jeziki / Languages: **Predavanja / Lectures:**
Vaje / Tutorial:

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

Prerequisites:

Vsebina:

Content (Syllabus outline):

Temeljni literatura in viri / Readings:

Cilji:

Objectives:

Cilji so definirani v prijavi teme magistrskega dela.

The objectives are defined in the application for the approval of the topic of the Master Thesis.

Predvideni študijski rezultati:

Znanje in razumevanje:

Znanje in razumevanje znanstvenega področja teme magistrskega dela ter metodološkega pristopa k raziskovalnemu problemu.

Prenesljive/ključne spretnosti in drugi atributi:

Sposobnost zaznati problem, načrtovati preučevanje problema, uporabiti ustrezno teoretično in eksperimentalno tehniko, ovrednotiti in prikazati rezultate.

Intended learning outcomes:

Knowledge and Understanding:

Knowledge and understanding of the Master Thesis field and the methodological approach to the scientific work.

Transferable/Key Skills and other attributes:

The ability to detect a problem, plan how to study the problem, use an appropriate theoretical and experimental technique, evaluate the results and present them.

Metode poučevanja in učenja:

Vodeno individualno raziskovalno delo

Learning and teaching methods:

Guided individual research work.

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
Način (pisni izpit, ustno izpraševanje, naloge, projekt)		Type (examination, oral, coursework, project)
Uspešnosti, samostojnost in inovativnost pri raziskovalnem delu v okviru magistrskega dela	60	Succesfulness, independence and the inovativity at the research work presented in the Master Thesis
Strokovnost pisanja magistrskega dela	20	Scientific writing in the Master Thesis
Predstavitev in zagovor magistrskega dela	20	Presentation and defence of the Master Thesis

Reference nosilca / Lecturer's references:

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