



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Individualno raziskovalno delo II
Course title:	Individual Research Work II

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
FIZIKA		1.	2.
PHYSICS		1.	2.

Vrsta predmeta / Course type

Obvezni za vse module

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Lab. vaje Laboratory work	Mentorstvo Mentorship	Samost. delo Individ. work	ECTS
				10	290	10

Nosilec predmeta / Lecturer:

Izbrani mentor/Chosen mentor

Jeziki /

Languages:

Predavanja /

Lectures:

Vaje / Tutorial:

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

Opravljeno individualno raziskovalno delo I

Prerequisites:

Completed Individual Research Work I

Vsebina:

Individualno raziskovalno delo II je namenjeno specificiranju ožjega področja raziskovanja in definiranju problema.

Content (Syllabus outline):

The purpose of Individual research work II is to specify in more details the area of research and to define the problem.

Temeljni literatura in viri / Readings:

- 1) Roš, M., Žekš, B.: Pišem! : priročnik za pisanje strokovnih in znanstvenih del, Ljubljana : GV založba, 2005.
- 2) Katz, M. J., 2007: From research to manuscript. A guide to scientific writing. Springer, str. 152
- 3) Malmfors, B., Garnsworthy, P. C., Grossman, M.: Writing and presenting scientific papers, Nottingham : Nottingham University Press, 2004.
- 4) Day, R. A., Gastel, B. How to write and publish a scientific paper 6th ed., Cambridge University Press, Cambridge, 2006
- 5) Literatura glede na izbrano temo

Cilji in kompetence:

Specifirati ožje področje raziskovanja in definirati problem

Objectives and competences:

To specify the narrow area of research and to define the problem

Predvideni študijski rezultati:

Znanje in razumevanje:

- vseh relevantnih teoretičnih in praktičnih znanj.

Prenesljive/ključne spretnosti in drugi atributi:

- Vrhunska usposobljenost za iskanje, planiranje in pripravo relevantnih teoretičnih in praktičnih metod za znanstvene raziskave;
- Poglobljeno razumevanje teoretskih in metodoloških konceptov

Intended learning outcomes:

Knowledge and understanding:

- of relevant theoretical and practical knowledge.

Transferable/Key Skills and other attributes:

- Top-level skills in searching, planning and preparing the relevant theoretical and practical methods for scientific research;
- Deep understanding of theoretical and methodological concepts. Gaining the skills for working with bibliographic databases and for searching articles in scientific journals.

Metode poučevanja in učenja:

- Mentor sproti usmerja študenta pri pridobivanju relevantnih teoretičnih in praktičnih znanj ter preverja priprave na raziskovalno delo in ustreznost izbranih metod.

Learning and teaching methods:

The mentor supervises and directs the student in gaining the relevant theoretical and practical skills and knowledge as well as examines the course of preparations for research work and appropriateness of the selected methods.

Delež (v %) /

Načini ocenjevanja:

Weight (in %) **Assessment:**

Način (pisni izpit, ustno izpraševanje, naloge, projekt)		Type (examination, oral, coursework, project):
• Ustni zagovor	50 %	• Oral exam
• Projektna naloga	50%	• Project Assignment

Reference nosilca / Lecturer's references:

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