



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Raziskovalni seminar I
Course title:	Research Seminar I

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Doktorski študij Ekološke znanosti, 3. stopnja		1.; 1st	2.; 2nd
Doctoral Study Ecological Sciences, 3rd degree			

Vrsta predmeta / Course type:

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Lab. vaje Laboratory work	Terenske vaje Field work	Samost. delo Individ. work	ECTS
	20				70	3

Nosilec predmeta / Lecturer:

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

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

Vsebina:

Študent po pregledu literature ob posvetovanju s potencialnim mentorjem/somentorjem izbere in opredeli ožje področje, s katerega bo pripravil doktorsko disertacijo. Seznan se z metodami, ki jih bo uporabil v svojem raziskovalnem delu. Na seminarju izmenja izkušnje z drugimi študenti.

Content (Syllabus outline):

After the study of literature the student consults his potential mentor/co-mentor to choose and define a narrower research field for his dissertation. The student is acquainted with the methods he/she is going to use in his/her research. During the seminar, students exchange their experiences.

Temeljni literatura in viri / Readings:

Gauch, Hugh G. *Scientific method in practice*. Cambridge University Press, 2003.
 Lesk A.M. 2014. *Introduction to Bioinformatics*. Oxford University Press, Oxford, United Kingdom, 400 str.
 Devetak, D., T. Novak, B. Cagran, M. Pšunder, 2003: Navodila in priporočila za izdelavo strokovnih pisnih izdelkov s področja biologije. Maribor: Pedagoška fakulteta, 23 str.
 Katz, M. J., 2007: *From research to manuscript. A guide to scientific writing*. Springer, 152 str.

Cilji in kompetence:

- Pripraviti študenta na raziskovalno delo in načrtovanje doktorske disertacije, pri čemer naj bi izkazal splošno poznavanje in najnovejša dognanja s raziskovalnega področja, ki ga bo obravnaval v disertaciji

Objectives and competences:

- To prepare the student for scientific work and planning of dissertation. The student should be able to present general knowledge and recent discoveries in the field of scientific research that is going to be covered in the dissertation

Predvideni študijski rezultati:**Znanje in razumevanje:**

- Vseh relevantnih teoretičnih znanj

Prenesljive/ključne spretnosti in drugi atributi:

- Vrhunska usposobljenost za iskanje in uporabo relevantnih teoretičnih znanj

Intended learning outcomes:**Knowledge and understanding:**

- All relevant theoretical knowledges

Transferable/Key Skills and other attributes:

- Top-level skills to provide and use relevant theoretical knowledges

Metode poučevanja in učenja:

Seminarsko delo
Samostojni študij

Learning and teaching methods:

Seminar work.
Self-study

Delež (v %) /

Weight (in %)

Načini ocenjevanja:**Assessment:**

Se oceni z opravi / ni opravi:

100%

Pass / fail evaluation:

Seminarsko delo ali predavanje

Seminar work or presentation

Reference nosilca / Lecturer's references:

Reference habilitiranih nosilcev predmetov v programu / References of lecturers listed in the program