



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Prenosljiva znanja
Course title:	Transferable Knowledge

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Doktorski študij Ekološke znanosti, 3. stopnja		3.; 3rd	5.; 5th
Doctoral Study Ecological Sciences, 3rd degree			

Vrsta predmeta / Course type

Obvezni/obligatory

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
					90	3

Nosilec predmeta / Lecturer:

KLENOVŠEK Tina

Jeziki /

Predavanja / Lectures:

slovenščina/Slovene

Languages:

Vaje / Tutorial:

slovenščina/Slovene

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

/

Prerequisites:

/

Vsebina:

Študent opravi obveznosti z udeležbo na različnih aktivnostih (delavnicah, tečajih, projektih, seminarjih, poletnih šolah, izobraževanjih ipd.), ki jih izvaja Univerza v Mariboru ali druge priznane domače ali tuje ustanove.

Aktivnosti lahko študentje izberejo iz treh tematskih sklopov:

- pridobivanje splošnih veščin (aktivna

Content (Syllabus outline):

Students fulfil their obligations with participation at different activities (e.g. workshops, courses, projects, seminars, summer schools, training) conducted by the University of Maribor or other renown domestic or foreign institutions.

Activities can be chosen from three main topics:

- **general skills and knowledge** (active participation at workshops, courses, seminars

udeležba na delavnicah, seminarjih, tečajih ali izobraževanjih s področja komunikacije, IKT, administracije, etike, prijave in pisanja projektov, zakonodaje ipd.)

- **pridobivanje veščin na strokovnem in znanstvenoraziskovalnem področju** (aktivna udeležba na delavnicah, tečajih, seminarjih, konferencah s področja znanstvenoraziskovalne ali strokovne dejavnosti; predavanja na tuji ali domači univerzi; mentorstva študentom ali dijakom pri raziskovalnih nalogah; organizacija in izvedba strokovnih ali pedagoških delavnic, taborov, seminarjev; aktivno sodelovanje na znanstvenoraziskovalnih ali aplikativnih projektih ipd.)

- **pridobivanje veščin s področja prenosa znanja iz/v gospodarstvo** (delavnice, seminarji, izobraževanja, tečaji iz podjetništva, o zaščiti intelektualne lastnine, inovacijah, virih financiranja, sodobnih tehnologijah, prenosu znanj v prakso, poslovnem načrtovanju, raziskavah tržišč ipd.)

Posamezna aktivnost se ovrednoti z najmanj 0,5 ECTS. Aktivnosti, ki so daljše in zahtevajo več samostojnega dela študenta, se lahko ovrednotijo z večjim številom ECTS, vendar ne več kot z 1 ECTS.

Študent mora izbrati aktivnosti iz najmanj dveh tematskih sklopov.

Študent mora pred udeležbo posamezne aktivnosti oddati vlogo komisiji za podiplomski študij na Oddelku za biologijo. Vloga mora vsebovati informacije o aktivnostih in program dela. Komisija nato odloči o primernosti izbire in ob odobritvi aktivnost ovrednoti z ECTS.

or training in the field of communication and rhetoric, ICT, ethics, project applications and administration, regulations and legislations etc.)

- **skills and knowledge in the area of scientific-expertise** (active participation at workshops, courses, seminars, conferences or training in the field of scientific or professional expertise; lectures at domestic or foreign university; mentorship for students and pupils at research projects; organisation and implementation of professional or pedagogical workshops, summer camps, seminars; active participation in scientific or applicative projects etc.)

- **skills of knowledge transfer into/from economy** (workshops, courses, seminars or training on business, protection of intellectual property, innovation, funding sources, modern technologies, transfer of knowledge into practice, business planning, market research etc.)

Each activity is assessed with at least 0,5 ECTS. Longer activities that demand more individual work from students can be assessed with larger value of ECTS but not more than with 1 ECTS.

The student has to choose activities from at least two different main topics.

Before attending the activity, the student has to submit the application confirmed by the working mentor to the committee for postgraduate study at the Department of biology. The application should include information about the activity and the program of work. The committee decides on the suitability of the selection and assess the activity with the amount of ECTS.

Temeljni literatura in viri / Readings:

Ni predpisana / Not defined

Cilji in kompetence:

Cilj predmeta je študente usposobiti aktivno uporabljati prenosljiva znanja in jih opremiti s kompetencami za sledenje razvojnih trendov stroke ter razširiti njihova metodološka znanja za reševanje in implementacijo zahtevnih tehničnih, tehnoloških, organizacijskih in razvojnih nalog ter projektov.

Objectives and competences:

The aim of this course is to train students for active use of transferable skills and to equip them with the competences for tracking the development trends of the profession and to expand their methodological knowledge for solving and implementation of complex technical, technological, organizational and developmental tasks and projects.

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

Študent usvoji izbrana prenosljiva znanja in veščine na področjih:

- komunikacije, IKT, administracije projektov, etike, zakonodaje ipd.;
- intelektualne lastnine, inovacij, virov financiranja, sodobnih tehnologij, prenosa znanj v prakso, poslovnega načrtovanja, raziskav tržišč ipd.
- uporabe in aplikacije novih eksperimentalnih, teoretičnih in računalniških metod in orodij, mentorstva, organizacije, predstavitve in objave rezultatov raziskav v obliki znanstvenih objav, dela s programskimi orodji za urejanje bibliografij in referenčnega citiranja ipd.
- specialna praktična znanja s področja gospodarstva in aplikativnih projektov

Prenesljive/ključne spretnosti in drugi atributi:

- Vrhunska usposobljenost za uporabo relevantnih teoretičnih in praktičnih znanj
- Usposobljenost za formiranje in posredovanje specifičnega znanja

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

Student gains selected transferable knowledge and skills in the areas of:

- communication, ICT, project administration, ethics, legislation etc.;
- intellectual property, innovation, financial resources, modern technologies, transfer of knowledge into practice, business planning, market research, etc.
- the use and application of novel experimental, theoretical and computational methods and tools, mentoring, organization, presentation and publishing of research results in the form of scientific papers, using software for editing and managing bibliographies, citations and references etc.
- special practical knowledge in the field of economy and applied projects

Transferable/Key Skills and other attributes:

- Top-level skills use relevant theoretical and practical knowledges
- Ability to develop and present specific knowledge

Metode poučevanja in učenja:

Samostojno delo študenta, in druge oblike študija, ki lahko zajemajo tudi aktivno udeležbo na konferencah, seminarjih, delavnicah,

Learning and teaching methods:

Individual student work, and other forms of work, which may include active participation at conferences, seminars, workshops, summer

poletnih šolah, tečajih ipd., samostojno izvedbo mentorstev, organizacijske aktivnosti, predavanja, predstavitve ipd.

schools, courses, etc., individual mentoring, organizational activities, lectures, presentations and alike.

Delež (v %) /

Načini ocenjevanja:

Weight (in %)

Assessment:

Portfolio	100	Portfolio
-----------	-----	-----------

Opomba: oceni se z opravi / ni opravi

Comments: is graded as pass /fail

Reference nosilca / Lecturer's references:

/