

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	UDELEŽBA NA ORGANIZIRANIH PREDAVANJIH II.
Course Title:	PARTICIPATION AT LECTURES WITH INVITED SPEAKERS II.

Študijski program in stopnja Study Programme and Level	Študijska smer Study Field	Letnik Academic Year	Semester Semester
DR Kemijske znanosti, 3. stopnja	/	2.	3. in 4.
Doctoral programme in Chemical Sciences, 3 rd Cycle	/	2 nd	3 rd and 4 th

Vrsta predmeta / Course Type:

obvezni/mandatory

Univerzitetna koda predmeta / University Course Code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Work	Druge oblike študija	Samost. delo Individual Work	ECTS
		/	/	150	150	10

Nosilec predmeta / Lecturer:

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Jeziki / Languages:

Predavanja / Lectures: slovenski / Slovenian

Vaje / Tutorial: slovenski / Slovenian

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

Vpis v 2. letnik DŠP Kemijske znanosti.

Prerequisites:

Enrolment into the 2nd year of the doctoral programme Chemical Sciences.

Vsebina:

Vabljeni predavanja uglednih tujih predavateljev z različnih področij kemijskih znanosti.

Predavanja so tematsko uravnotežena in vsebinsko izbrana tako, da so povezana z raziskovalnimi problemi doktorskih študentov, njihova zahtevnost pa je na nivoju, ki omogoča razumevanje študentom vseh treh smeri.

Content (Syllabus outline):

Invited lectures by renowned international lecturers from various fields of chemical sciences.

Topics are thematically balanced and selected to complement students' areas of research. The complexity of lectures is adjusted to be suitable for students of all three streams of study.

Temeljna literatura in viri / Readings:

Povzetki in prosojnice predavanj, ki jih zagotovijo posamezni predavatelji. Znanstvena literatura s področja posameznega predavanja.

Abstracts and presentation slides of the lectures, kindly provided by the lecturers. Scientific literature from the research fields of the lectures.

Cilji in kompetence:

Aktivna udeležba na predavanjih, tudi s postavljanjem vprašanj in razpravljanjem, ki jo študent dopolni s pisnim poročili o predavanjih, ki vključujejo tudi pregled literature na obravnavano temo ter povezavo z lastnim raziskovalnim delom. Pri pripravi poročila poglobi svoje znanje predvsem na področju problematike svojega raziskovalnega dela in dopolni znanje na drugih področjih. Poročila pregleda in odobri mentor.

Objectives and Competences:

Active participation in invited lectures, including asking questions and participation in the discussion, which the student complements with written report on the lecture. The reports also include a review of the literature in the scientific field of the lecture and a description of the connection between the lecture and the student's own research work. By writing the reports, the student expands his knowledge in the scientific field of his own research work and complements his knowledge in other fields. The reports are reviewed and approved by the supervisor.

Predvideni študijski rezultati:

Znanje in razumevanje

Študent se seznani z najnovejšimi raziskavami na različnih področjih kemijskih znanosti.

Uporaba

Vabljeni predavanja spodbujajo interdisciplinarno razmišljanje in kreativnost študenta pri lastnem raziskovalnem delu.

V pisnih poročilih se nauči povzeti znanstvene vsebine in jih umestiti v kontekst lastnega raziskovalnega dela.

Refleksija

Študent vsebine predavanj, ki predstavljajo najmodernejše izsledke na posameznih področjih, postavi v kontekst teoretičnega znanja, ki ga je pridobil tekom vseh stopenj izobraževanja.

Prenosljive spretnosti

Oblikovanje znanstvenih vprašanj in sodelovanje v znanstvenih diskusijah. Pisno poročanje.

Intended Learning Outcomes:

Knowledge and Comprehension

The student acquires complementary knowledge within the selected content.

Application

Invited lectures stimulate interdisciplinary thinking and creativity of the student in their own research work.

In written reports, he learns to summarize scientific content and discuss it in the context of his own research work.

Analysis

The student is able to link the knowledge acquired in the lectures with his own research work and with the knowledge acquired at earlier levels of education.

Skill-transference Ability

Formulation of scientific questions and participation in scientific discussions. Written reporting.

Metode poučevanja in učenja:

Predavanja in samostojno delo

Learning and Teaching Methods:

Lectures and individual work.

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
Študent se mora v študijskem letu udeležiti desetih organiziranih vabljenih predavanj in izdelati pet poročil s pregledom literature. Izbiro potrди mentor.	100	The student must attend ten organized invited lectures in one study year and write five written reports. The choice of reports is verified by the mentor.

Reference nosilca / Lecturer's references:

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