| UČNI NAČRT PREDMETA / COURSE SYLLABUS | |
|---|---|
| **Predmet:** | UVAJALNI SEMINAR |
| **Course Title:** | INDUCTION SEMINAR |

| Študijski program in stopnja<br>Study Programme and Level | Študijska smer<br>Study Field | Letnik<br>Academic Year | Semester<br>Semester |
|---|---|---|---|
| **DR Kemijske znanosti, 3. stopnja** | **/** | **1.** | **1. in 2.** |
| **Doctoral programme in Chemical Sciences, 3rd Cycle** | **/** | **1st** | **1st and 2nd** |

**Vrsta predmeta / Course Type:** obvezni / Mandatory

**Univerzitetna koda predmeta / University Course Code:**

| Predavanja<br>Lectures | Seminar<br>Seminar | Vaje<br>Tutorial | Klinične vaje<br>Work | Druge oblike študija | Samost. delo<br>Individual Work | ECTS |
|---|---|---|---|---|---|---|
| | | **/** | **/** | **75** | **75** | **5** |

**Nosilec predmeta / Lecturer:** mentor / Supervisor

**Jeziki / Languages:**

| | |
|---|---|
| **Predavanja / Lectures:** | **slovenski / Slovenian** |
| **Vaje / Tutorial:** | **slovenski / Slovenian** |

| Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti: | Prerequisites: |
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| Vpis v 1. letnik DŠP Kemijske znanosti. | Enrolment into the 1st year of the doctoral programme Chemical Sciences. |

| Vsebina: | Content (Syllabus outline): |
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| Uvajalni seminar študent opravi v raziskovalni skupini mentorja. Obsega uvajanje v eksperimentalno delo na področju doktorske disertacije ob aktivni udeležbi mentorja. | The induction seminar takes place in the supervisor's research group. It includes the introduction of the student to experimental work in the field of the doctoral dissertation by the supervisor. |

**Temeljna literatura in viri / Readings:**

Glede na naravo individualnega raziskovalnega dela niso predvideni.

According to the nature of the individual research work they are not foreseen.

| Cilji in kompetence: | Objectives and Competences: |
|---|---|
| Študent pod vodstvom mentorja spozna potrebne teoretske osnove in eksperimentalne metode ter po potrebi druge | Under the guidance of the supervisor, the student learns the theoretical foundations, experimental methods and other activities |

| | |
|---|---|
| dejavnosti, ki so potrebne za uspešen začetek raziskovalnega dela na področju doktorske disertacije. | necessary to successfully begin the research work in the field of his doctoral dissertation. |

| **Predvideni študijski rezultati:** | **Intended Learning Outcomes:** |
|---|---|
| Znanje in razumevanje<br>Študent razume teoretične osnove metod, ki jih uporablja pri svojem delu ter zna eksperimentalne rezultate ustrezno interpretirati ter kritično vrednotiti. | Knowledge and Comprehension<br>The student understands the theoretical basis of the methods used in his research work and is able to properly interpret and critically evaluate experimental results. |
| Uporaba<br>Študent se nauči izbrati ustrezne metode in zastaviti ter izvesti eksperimente na področju svoje doktorske disertacije. | Application<br>The student learns to choose appropriate methods and set up and perform experiments in the field of his doctoral dissertation. |
| Refleksija<br>Študent je spodoben svoje lastno raziskovalno delo povezati s teoretičnimi osnovami, ki jih je spoznal v prejšnjih stopnjah izobraževanja ter z aktualnimi dognanji s področja raziskav. | Analysis<br>The student is able to relate his own research to the theoretical principles learned at earlier levels of education and to the state-of-the-art in his scientific field. |
| Prenosljive spretnosti<br>Ustno in pisno poročanje ter predstavljanje rezultatov lastnega raziskovalnega dela. Sposobnost individualnega kot tudi timskega dela. Uporaba ustreznih računalniških programov za analizo podatkov in njihovo predstavitev. | Skill-transference Ability<br>Oral and written reporting. Presentation of the results of one's own research work. Ability to work independently as well as part of a team. Use of appropriate computer programs for data analysis and presentation. |

| **Metode poučevanja in učenja:** | **Learning and Teaching Methods:** |
|---|---|
| Raziskovalno delo študenta pod vodstvom mentorja. | Research work of the student under supervision of the supervisor. |

| **Načini ocenjevanja:** | Delež (v %) / Weight (in %) | **Assessment:** |
|---|---|---|
| Posebno preverjanje znanja se ne predvideva. Napredek oceni mentor. | | Examinations are not foreseen. Progress is monitored by the supervisor. |

**Reference nosilca / Lecturer's references:**

Mentor mora izpolnjevati pogoje za mentorstvo v skladu s Pravilnikom o doktorskem študiju Univerze v Ljubljani in Pravilnikom o doktorskem študiju na Fakulteti za kemijo in kemijsko tehnologijo.

The supervisor must fulfill the supervision criteria defined in the Rules and regulations for doctoral studies at the University of Ljubljana and the Rules and regulations for doctoral studies at the Faculty of Chemistry and Chemical Technology.