

UČNI NAČRT PREDMETA / COURSE SYLLABUS

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|----------------------|----------------------------------|
| Predmet: | Individualno raziskovalno delo 2 |
| Course title: | Individual Research Work 2 |

| Študijski program in stopnja Study programme and level | Študijska smer Study field | Letnik Academic year | Semester Semester |
|---|---|---------------------------------------|------------------------------------|
| Nanoznanosti in nanotehnologije, Informacijske in komunikacijske tehnologije, Ekotehnologije, Senzorske tehnologije, 3. stopnja | | 2 | 3 |
| Nanosciences and Nanotechnologies, Information and Communication Technologies, Ecotechnologies, Sensor Technologies, 3rd cycle | | 2 | 3 |

Vrsta predmeta / Course type Obvezni / Mandatory

Univerzitetna koda predmeta / University course code: SPL-876

| Predavanja Lectures | Seminar Seminar | Vaje Tutorial | Klinične vaje work | Druge oblike študija | Samost. delo Individ. work | ECTS |
|--------------------------------------|----------------------------------|--------------------------------|-------------------------------------|-----------------------------|---|-------------|
| | | | | 30 | 870 | 30 |

Nosilec predmeta / Lecturer: mentor / Supervisor

Jeziki / Languages: **Predavanja / Lectures:** Slovenski ali angleški / Slovene or English
Vaje / Tutorial:

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

Zaključen študij druge stopnje.

Prerequisites:

Completed second level studies.

Vsebina:

Raziskovalno delo je s področja študijskega programa kandidata in poteka pod vodstvom mentorja oziroma mentorske skupine. Namenjeno je pripravi znanstvenih objav in doktorske disertacije.

Content (Syllabus outline):

Research work from the field of the candidate's study programme is conducted under the leadership of a supervisor or group of supervisors. It is intended for preparation of scientific publications and doctoral dissertation.

Temeljni literatura in viri / Readings:

Zaradi hitrega razvoja področij študija temeljne študijske vire določi mentor individualno. / Because of the fast development of the study areas the fundamental learning resources are defined individually by the supervisor.

Cilji in kompetence:

Študenti se usposobijo za obvladovanje sodobnih specifičnih raziskovalnih metod in tehnik na področju svojega doktorskega študija.

Objectives and competences:

Candidates are trained to master up-to-date specific research methods and techniques in the field of their doctoral studies.

Predvideni študijski rezultati:

Predmet gradi na sposobnostih, pridobljenih pri predmetu Individualno raziskovalno delo 1.

Predmet pripravlja študenta na samostojno raziskovalno delo.

Predmet usposablja študenta za pisanje znanstvenih objav s svojega študijskega področja.

Intended learning outcomes:

The course builds on outcomes obtained at Individual Research Work 1.

The student is prepared for independent research work.

The students are preparing for scientific publications from their research field.

Metode poučevanja in učenja:

Konzultacije, individualno raziskovalno delo

Learning and teaching methods:

Consultations, individual research work

Načini ocenjevanja:

Delež (v %) /

Weight (in %)

Assessment:

Opravljen Seminar II.

Študent v sodelovanju z mentorjem pripravi poročilo na obrazcu Poročilo o individualnem raziskovalnem delu, ki se nahaja med gradivi na e-študentu. V poročilu opiše raziskovalne probleme, s katerimi se je v tem obdobju ukvarjal, dosežene rezultate in morebitne publikacije. Oriše tudi smernice za nadaljnje delo. Poročilo pregleda in odobri mentor.

Poročilo se odda v tajništvo MPŠ v pisni in elektronski obliki na info@mps.si

100 %

Completed Seminar II.

Candidates, in collaboration with their supervisors, shall also prepare a report. The form for the report is available at Materials in e-student. In the report they describe their research problems, important results and possible publications in the reporting period as well as the direction for future work. The report is examined and approved by the supervisor.

The report is submitted to IPS Secretariat in written and electronic form to info@mps.si

Reference nosilca / Lecturer's references:

Predmet vodijo mentorji, ki so uveljavljeni visokošolski učitelji ali raziskovalci, ki izpolnjujejo pogoje za mentorja mladim raziskovalcem. / The supervisor is an established university teacher or senior researcher who fulfills criteria for supervision of young researchers.