

UČNI NAČRT PREDMETA / COURSE SYLLABUS							
Predmet:		Individualno raziskovalno delo 3					
Course title:		Individual Research Work 3					
Študijski program in stopnja Study programme and level		Študijska smer Study field			Letnik Academic year		Semester Semester
Informacijske znanosti, doktorski študijski program tretje stopnje		Obe smeri			Tretji		Peti in šesti
Information Sciences, third cycle Doctoral Study Programme		Both fields			Third		Fifth and sixth
Vrsta predmeta / Course type					Obvezen/Obligatory		
Univerzitetna koda predmeta / University course code:					1-IZ-DR-MKO-RZ-IRD3-2024-04-24		
Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work		ECTS
/	/	/	/	/	1500		50
Nosilec predmeta / Lecturer:		Vsi aktivni mentorji / All active mentors					
Jeziki / Languages:		Predavanja / Lectures: Slovenski / Slovenian, Angleški / English					
		Vaje / Tutorial: /					
Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:				Prerequisites:			
/				/			
Vsebina:				Content (Syllabus outline):			
<ul style="list-style-type: none"> Zbiranje dodatnih primarnih ali sekundarnih podatkov za potrebe doktorske disertacije skladno s (posodobljenimi) potrebami. Izvedba celovitih in končnih analiz na podlagi zbranih materialov za raziskavo. Končno in celovito testiranje razvitih rešitev in/ali rezultatov. Piprava osnuta znanstvenega članka, ki bo oddan za objavo v znanstveni reviji. Priprava osnutka celotnega besedila doktorske disertacije, ki ga potrdi mentor. 				<ul style="list-style-type: none"> Collecting the additional primary and secondary data required for the doctoral dissertation based on the actual (updated) needs. Conducting the complete and final analyses based on the collected materials for research. Final and complete testing of the developed solutions and/or results. Preparing the draft of the scientific paper to be submitted to a scientific journal. Preparing the complete draft of the doctoral dissertation with the mentor. 			

- Priprave na zagovor doktorske disertacije.
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- Preparations for the defense of the doctoral dissertation.
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Temeljni literatura in viri / Readings:

- Določeni glede na temo posamezne doktorske disertacije / Defined based on the topic of a particular doctoral dissertation
- Tempe, M. (2020). *Writing Research Papers in Computer Science*. Independently Published.
- Higham, N. J. (2019): *Handbook of Writing for the Mathematical Sciences*. SIAM.

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih kompetenc:

- Sposobnost samostojnega raziskovalno-razvojnega dela in vodenje raziskovalne skupine.
- Zavezanost profesionalni etiki.
- Sposobnost inovativne uporabe in kombiniranja raznih raziskovalnih metod.
- Razvoj veščin in spretnosti v uporabi znanja na raziskovalnem področju doktorske disertacije.

in predmetno-specifičnih kompetenc:

- Veščina ocenjevanja pridobljenih raziskovalnih rezultatov in vmeščanja v kontekst celotnega doktorata.
- Sposobnost predstavitve pridobljenih rezultatov raziskave znanstveni publiki.

Objectives and competences:

Learning unit contributes to the development of the following general competences:

- Ability for independent research-development work and leadership of a research group.
- Commitment to professional ethics.
- Ability to innovatively use and combine diverse research methods.
- Development of skills and abilities in usage of knowledge in the scientific field of doctoral dissertation.

and subject-specific competencies:

- Ability to evaluate the obtained research results and put them in the context of the entire doctorate.
- Mastery of presenting the obtained research results to the scientific audience.

Predvideni študijski rezultati:

Znanje in razumevanje:

Študent/študentka:

- sestavi nabor končnih rezultatov, ki so overednoteni, prioretizirani, utemeljeni in posodobljeni,
- ustvari oz. pripravi osnutek znanstvenega članka in disertacije,
- zgradi načrt za zagovor doktorata ob posvetovanju z mentorjem (in so-mentorjem).

Intended learning outcomes:

Knowledge and understanding:

The student:

- collects, evaluates, revises, and interprets all obtained results,
- prepares the drafts of scientific paper and doctoral dissertation,
- formulates the plan for the doctoral defense in consultation with the mentor (and co-mentor).

Metode poučevanja in učenja:

Learning and teaching methods:

- Samostojen individualen študij in raziskovanje;
- Pisanje znanstvenega članka in doktorske disertacije;
- Konzultacije z (so)mentorjem;
- Diskusija morebitnih izzivov glede zagovora doktorske disertacije.

- Independent individual study and research;
- Writing scientific paper and doctoral dissertation;
- Consultations with the (so-)mentor;
- Discussion of possible challenges in defending a doctoral dissertation.

Načini ocenjevanja:

Delež (v %) /
Weight (in %)

Assessment:

<p>Način (pisni izpit, ustno izpraševanje, naloge, projekt):</p> <p>Oceno učne enote poda mentor. Ocena temelji na tem, kako je študent oz. študentka opravil/-a svoje raziskovalno delo v tretjem letniku doktorskega študija.</p>	<p>100</p>	<p>Type (examination, oral, coursework, project):</p> <ul style="list-style-type: none"> • The grading of this learning unit is provided by the mentor. It depends on how well did the student do his/her research during the third year of his/her doctoral study.
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Reference nosilca / Lecturer's references:

- Reference potencialnih mentorjev so navedene v učnih načrtih predmetov, katerih nosilci so. / The references of potential mentors are listed in the curricula of the courses they teach.