

UČNI NAČRT PREDMETA / COURSE SYLLABUS							
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
Informacijske znanosti, doktorski študijski program tretje stopnje		Obe smeri			Drugi		Tretji in četrti
Information Sciences, third cycle Doctoral Study Programme		Both fields			Second		Third and fourth
Vrsta predmeta / Course type					Obvezen/Obligatory		
Univerzitetna koda predmeta / University course code:					1-IZ-DR-MKO-RZ-IRD2-2024-04-24		
Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje work	Druge oblike študija	Samost. delo Individ. work		ECTS
/	/	/	/	/	900		30
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"> Formulacija podrobnega načrta raziskovalnih aktivnosti s konkretnimi roki na podlaga dogovora med mentorjem in študentom. Kritična obravnava dodatne literature in drugih sekundarnih virov. Načrtovanje in izvajanje raziskovanja oziroma zbiranje primarnih podatkov, če je to za disertacijo potrebno. Samostojno razvojno delo, če je za potrebe disertacije potrebno. Analize in interpretacije zbranih podatkov za potrebe doktorske disertacije. 				<ul style="list-style-type: none"> Formulation of a detailed plan of the research activities with concrete deadlines based on the agreement between the mentor and the student. Study and critical analysis of the additional literature and other secondary sources. Planning and implementing research, collecting primary data if needed for the dissertation. Independent developmental work if needed for the dissertation. Analysis and interpretation of collected data for the needs of doctoral dissertation. 			

- Izhodiščno testiranje razvitih rešitev, če je za potrebe disertacije potrebno.
- Organizacija preliminarnih rezultatov.
- Testiranje robustnosti preliminarnih rezultatov glede na možne izbire metodologije.

- Initial testing of the developed solutions if required for the doctoral dissertation.
- Compiling the preliminary results.
- Testing the robustness of preliminary results against various methodological choices.

Temeljni literatura in viri / Readings:

- Mbanaso, U. M., Abrahams, L., Kennedy Okafor, C. (2023). Research Techniques for Computer Science, Information Systems and Cybersecurity. Springer.
- Določeni glede na temo posamezne doktorske disertacije / Defined based on the topic of a particular doctoral dissertation

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih kompetenc:

- Sposobnost obvladanja standardnih metod, postopkov in procesov raziskovalnega dela na znanstvenem področju študija.
- Zavezanost profesionalni etiki.
- Sposobnost za reševanje konkretnih raziskovalnih problemov na posameznem znanstvenem področju.
- Razvoj veščin in spretnosti v uporabi znanja na raziskovalnem področju doktorske disertacije.

in predmetno-specifičnih kompetenc:

- Veščina ocenjevanja pridobljenih rezultatov in umeščanja v kontekst celotnega doktorata.

Objectives and competences:

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

- Ability to master standard methods, procedures and processes of research work in the scientific field of study.
- Commitment to professional ethics.
- Ability to solve specific research problems in a particular scientific field.
- Development of skills and abilities in usage of knowledge in the scientific field of doctoral dissertation.

and subject-specific competencies:

- Ability evaluate the obtained research results and put them in the context of the entire doctorate.

Predvideni študijski rezultati:

Znanje in razumevanje:

Študent/študentka:

- Oblikuje končen nabor podatkov in ostalih ključnih materialov za raziskavo.
- Izvede in ovrednoti vse analize in pridobi preliminarne rezultate.
- Sklepa glede ustreznosti preliminarnih rezultatov in začne zadnjo fazo raziskave s ciljem pridobivanja končnih rezultatov.

Intended learning outcomes:

Knowledge and understanding:

The student:

- Puts together all relevant data and all other key materials for research.
- Conducts analyses and obtains the preliminary results, which are interpreted and critically judged.
- Makes conclusions about the suitability of preliminary results and initiates the last phase of research to obtain the final results.

Metode poučevanja in učenja:

Learning and teaching methods:

- Samostojen individualen študij in raziskovanje
- Konzultacije z (so)mentorjem

- Independent individual study and research.
- Consultations with the (co-)mentor

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 drugem 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 second 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.