



Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Individualno raziskovalno delo 4							
Course title:	Individual Research Work 4							
Študijski program in stopnja Study programme and cycle	Študijska smer Study option			Letnik Year of study	Semester Semester			
Biomedicinska tehnologija/3. stopnja				2	4			
Biomedical Technology/3rd Degree								
Vrsta predmeta (obvezni ali izbirni) / Course type (compulsory or elective)				Obvezni Obligatory				
Univerzitetna koda predmeta / University course code:								
Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
		AV	LV	RV			720	24
Nosilec predmeta / Course coordinator:		Mentor/Mentor						
Jeziki /Languages:		Predavanja / Lectures:		Slovenščina/Slovene				
		Vaje / Tutorial:						
Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:				Prerequisites for enrolling in the course or for performing study obligations:				
Vsebina (kratek pregled učnega načrta):				Content (syllabus outline):				
Poglobljeno individualno znanstvenoraziskovalno delo ki je neposredno povezano z vsebinami, ki bodo opisane v doktorski disertaciji; <ul style="list-style-type: none">- ureditev zbranih podatkov,- preliminarne analize pridobljenih podatkov,- utemeljitev reševanega znanstvenega problema,- doprinos k znanosti,- omejitve uporabljene metodologije, zasnova in priprava doktorske disertacije skladno z veljavnimi pravilniki UM.				In-depth individual scientific research work on topics, discussed in the PhD thesis; <ul style="list-style-type: none">- organization of collected data,- preliminary analysis of collected data,- argumentation of the scientific problem in question,- contribution to science,- limitations of used methodology, planning and preparation of the PhD thesis, in accordance with University of Maribor's regulations.				
Temeljni literatura in viri / Reading materials:								
Znanstveni članki, spletne informacije, patenti, knjige s področja biomedicine, biomedicinske tehnologije, etike in sorodnih področij. / Scientific articles, internet information, patents, books on biomedicine, biomedical technology, ethics and related fields.								



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Cilji in kompetence:	Objectives and competences:	
Študent je usposobljen za izvedbo konkretnih raziskav, ustrezno ureditev zbranih podatkov ter njihovo preliminarno analizo glede na raziskovalne cilje.	The student is qualified to carry out specific research, organize the collected data and their preliminary analysis according to the research goals.	
Predvideni študijski rezultati:	Intended learning outcomes:	
Znanje in razumevanje: Praktična uporaba raziskovalne metodologije, ki jo študent spozna med študijem Kritična poraba strokovne in znanstvene literature za iskanje informacij Uporaba ustreznih raziskovalnih tehnik pri raziskovanju.	Knowledge and understanding: Practical use of the research methodology the student learns during their studies Critical use of professional and scientific literature to gather information Use of suitable research techniques.	
Prenosljive/ključne spretnosti in drugi atributi: usposobljenost za raziskovanje, sposobnost zastaviti nova raziskovalna vprašanja in poznavanje metod za iskanje odgovorov, prilagajanje novim razmeram, delovanje v raziskovalni skupini.	Transferable/key competences and other abilities: Competency for research, finding new research questions and knowledge of the methods used to find solutions, adapting to new circumstances, working in research groups.	
Metode poučevanja in učenja:	Learning and teaching methods:	
Samostojno delo kandidata, Mentor preverja napredovanje raziskovalnega dela	Individual work Mentor's review on progress of the research work	
Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
Način (pisni izpit, ustno izpraševanje, naloge, projekt)	100 %	Method (written or oral exam, coursework, project):
Poročilo o delu (z opravi/ni opravi)		Work report (graded with pass/fail)
Reference nosilca / Course coordinator's references:		
/		