



Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Individualno raziskovalno delo 1							
Course title:	Individual Research Work 1							
Študijski program in stopnja Study programme and cycle	Študijska smer Study option			Letnik Year of study	Semester Semester			
Biomedicinska tehnologija/3. stopnja				1	1			
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			270	9
Nosilec predmeta / Course coordinator:		Mentor/Mentor						
Jeziki /Languages:		Predavanja / Lectures:						
		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):				
Iskanje informacijskih virov v najprimernejših podatkovnih bazah s področja biomedicine: - prosto dostopni viri: zbirka Pubmed/Medline/Embase, iskalnik Google – Scholar, - plačljivi informacijski viri, - nacionalni knjižnični sistem COBISS, - elektronski viri za področje biomedicine (Centralna medicinska knjižnica), - spletni viri itd. Oblikovanje iskalne strategije virov ter izbira vsebine teme seminarskega dela, ki je v skladu z znanstvenoraziskovalno usmeritvijo kandidata in je neposredno povezana s študijskimi/raziskovalnimi cilji:				Searching for sources of information in the most relevant data bases from the field of biomedicine: - sources with free access: publication Pubmed/Medline/Embase, the Google – Scholar browser, - payable information sources, - national library system COBISS, - electronic sources from the field of biomedicine (Central Medical Library), - internet sources, and others. Forming a strategy for searching sources and choosing the content of the topic of seminar work, in accordance with the candidate's scientific research orientation and a direct connection to the study/research goals:				

<ul style="list-style-type: none"> - izbira sklopa objav, ki omogočajo kritično /poglobljeno znanstveno interpretacijo; - povezovanje rezultatov dognanj z veljavnimi prepričanji ali dejstvi, povezanimi z obravnavano temo; - razprava o znanstvenih, raziskovalnih, strokovnih ali metodoloških vidikih obravnavanega problema; - priprava pisnega gradiva o raziskovalnem problemu, metodologiji reševanja. 	<ul style="list-style-type: none"> - the selection of the publications that enable a critical/in-depth scientific interpretation; - connecting results of the findings to established beliefs or facts in relation to the selected topic; - debate on scientific, research, professional or methodological view of the selected topic; - preparation of the written material on the research topic and the methodology. 	
<p>Temeljni literatura in viri / Reading materials:</p>		
<p>Znanstveni članki, spletne informacije, patenti, knjige s področja raziskovanega problema, biomedicine, biomedicinske tehnologije, etike in sorodnih področij. / Scientific articles, internet information, patents, books on the research topic, books on biomedicine, biomedical technology, ethics and related fields.</p>		
<p>Cilji in kompetence:</p>	<p>Objectives and competences:</p>	
<p>Študenta uvesti v samostojno raziskovalno delo in kritično uporabo znanstvenih virov. Omogočiti povezovanje znanj, pripravo teoretičnih in empiričnih podlag za pripravo pisne zasnove doktorske disertacije.</p>	<p>Introducing the student to independent research work and critical use of scientific sources. Enable the connection of knowledge, preparation of theoretical and empirical basis for the written design of the PhD thesis.</p>	
<p>Predvideni študijski rezultati:</p>	<p>Intended learning outcomes:</p>	
<p>Znanje in razumevanje: Znati iskati in kritično uporabljati strokovne in znanstvene vire; Znati analizirati strokovne in znanstvene vire; Znati uporabljati primerno metodologijo za reševanje raziskovalnih vprašanj, Primerjati/utemeljevati/zavračati podobne ali nasprotne znanstvene trditve; razviti samostojen raziskovalni pristop; opredeliti problem in spodbuditi razpravo.</p>	<p>Knowledge and understanding: be able to search and critically use professional and scientific sources of information; be able to analyze the appropriate methodology for solving research problems; compare/explain/reject similar and contrary scientific claims; develop an individual scientific approach; define the problem and encourage discussion.</p>	
<p>Prenosljive/ključne spretnosti in drugi atributi: Izbirati, organizirati ali analizirati informacije iz različnih virov; Kritično razmišljati o preučevani temi; Sposobnost oblikovanja novih idej; Sposobnost delovanja v raziskovalni skupini.</p>	<p>Transferable/key competences and other abilities: Select, organize or analyze information from various sources; Critical thinking regarding the studied topic; The ability to form new ideas; The ability to work in a research group.</p>	
<p>Metode poučevanja in učenja:</p>	<p>Learning and teaching methods:</p>	
<p>Samostojno delo</p>	<p>Individual work</p>	
<p>Načini ocenjevanja:</p>	<p>Delež (v %) / Share (in %)</p>	<p>Assessment methods:</p>
<p>Način (pisni izpit, ustno izpraševanje, naloge, projekt)</p>		<p>Method (written or oral exam, coursework, project):</p>
<p>individualno raziskovalno delo(z opravil/ni opravil)</p>	<p>100 %</p>	<p>individual research work (graded with pass/fail)</p>
<p>Reference nosilca / Course coordinator's references:</p>		



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