Study programme	MEDICAL STUDIES I	N ENGLISH								
Cycle	INTEGRATED	Туре	UNIVERSITY							
Study track	-	Module	-							
Year of study	2	Semester	IV							
Course title	Teratology –	Course code	MFMSEI03							
	taking drugs	= 1								
	during pregnancy									
ECTS	1.5	Status	ELECTIVE							
	Teaching hours		Lectures	Exercises	Seminars	Practice				
Tanahaya	Candra Kastić D	hD accordate	8	10	7	-				
Teachers	Sandra Kostić, P profes	7	1							
Course	The aim of the course is to understand and acquire knowledge about the influence of drugs on the development of malformations in fetus									
objectives			etus		Course	LO code at the				
Course learning	Learning outcome (Student:	10)			learning	study program				
outcomes	Student.	outcome code	level							
	- Describes and development of ma		pasics of human dev	velopment and	IU- MFMSEI03-1	IU-MSE1				
	- Identify and descr	IU- MFMSEI03-2	IU-MSE4							
	 Identify and de pregnancy and the development of an 	IU- MFMSEI03-3	IU-MSE5							
	- Name and explain possible influence of	IU- MFMSEI03-4	IU-MSE5							
	- Describe the influ	IU- MFMSEI03-5	IU-MSE5							
Prerequisites for the course enrolment	In accordance with	the Rulebook on	the Integrated Studies	s at the School of N	Medicine Unive	rsity of Mostar				
	Week / shift	Top	pic							
Course content	Lectures		he basics of the human	development						
		- TI	The principles of teratology and historical examples							
			aking drugs during preg							
		es – genetic, epig	enetic and env	ironmental						
	Camainana									
	Seminars	rrier n, metabolism	secretion)							
		m, metabolism, secretion,								
		fetal developn	nent							
	Exercises									
	antibiotics, drugs for heart and blood vessels diseases, cytostatic, sex									
	hormones, drugs for skin diseases): action and examples of possible									
	anomalies due to their action - The value of the animal research of teratogens									
	- The value of the animal research of teratogens - Research of the scientific literature, short movies with teratology									
			esearch of the scientifi	c interacture, short	. IIIOVIES WILII L	eratology				
Language	English		· ·							
E-learning	Classes are conducted in person. If necessary, lectures, seminars and exercises can be combined (ir									
	person and online) or completely online via e-learning platforms (Google-Meet).									
Teaching methods										
		Types of as	sessment (indicate - B e	old)						
	Tuno of pro ov	amination oblig	ation		Type of exa	a m				

midterm	seminar	essay/repo	rt practical/p	ractical/project task other		written ora		written c			practical
	paper					exam	exan	n			
Allocation of ECTS credits and share in the grade											
Stude	Student obligations		earning outcome	Hours of workload		Share in ECTS		Share in grade			
			code								
Clas	s attendanc	e		25	0.8						
Sei	Seminar paper		IU- MFMSEI03-3	10		0.35					
			IU- MFMSEI03-4								
			IU- MFMSEI03-5								
W	Written exam		IU- MFMSEI03-1	10		0.35					
			IU- MFMSEI03-2								
			IU- MFMSEI03-3								
			IU- MFMSEI03-4								
			IU- MFMSEI03-5								
	In total			45		1.5			100 %		
			Method of o	alculating the fi	nal grade						

The final grade is descriptive, pass/fail. After completing the seminar work and the written exam, student will pass the course.

Literature	Title	Edition		Language					Type of literature			
(indicate)	(title, author, year)	own	other	croatian	english	other	multilingual	book	article	script	other	
Compulsory	Embryology, teratology, causes of congenital disorders (ppt)	х			х						х	
	Sadler, T. W. Langman's medical embryology. — 15th ed.		х		х			x				
	Drugs in Pregnancy: Pharmacologic and Physiologic Changes that Affect Clinical Care (Emily A. Pinheiro1,2 and Catherine S. Stika), 2020.		x		X				x			
	Nutritional Gaps and Supplementation in the First 1000 Days (Beluska- Turkan K et al.) 2019.		x		х				х			
	Prenatal Substance Abuse: Short- and Long- term Effects on the Exposed Fetus (Marylou Behnke, Vincent C. Smith) 2013.		х		х				х			
	Macronutrient and Micronutrient Intake during Pregnancy: An Overview of Recent Evidence (Mousa A. et. Al), 2019		х		х				х			
Additional	Drugs During Pregnancy and Lactation (Third Edition), 2015 Treatment Options and Risk Assessment Edited by: Christof Schaefer, Paul W. J. Peters and Richard K. Miller		x		x						x	

	ISBN: 978-0-12-408078- 2										
Additional course information											