



## BIOMEDICAL SCIENCE III STUDY CYCLE

	<b>UNIVERSITY OF EAST SARAJEVO</b>	
<b>Study programme</b>	<b>CLINICAL PRACTICE</b>	

### I STUDY YEAR

SUBJECTS			Lectures per week				Total number of Lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem		II sem						
No.	Subject code	Name of subject	L	SRW	L	SRW					
1	KM-01-1-001-1 KM-01-1-001-2	Methodology of scientific research and publications in medicine	2	3	2	3	150	450	600	20	-
2	KM-01-1-002-1	Application of mathematical and statistical methods in medicine	4	3	0	0	105	135	240	8	-
3	KM-01-1-003-1	Informatics in biomedicine	2	5	0	0	105	135	240	8	-
4	KM-01-1-004-2	Writing and management of a research project and study	0	0	3	4	105	135	240	8	-
5	KM-01-1-005-2	Ethics in scientific research and publishing	0	0	1	3	60	180	240	8	-
6	KM-01-1-006-2	Principles of good clinical practice	0	0	2	3	75	165	240	8	-
<b>Total number of active teaching</b>			<b>19</b>		<b>21</b>		<b>600</b>	<b>1200</b>	<b>1800</b>	<b>60</b>	<b>-</b>

### II STUDY YEAR

SUBJECTS			Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem		II sem						
No.	Subject code	Name of subject	L	SRW	L	SRW					
1	KM-01-1-007-3	Evidence-based medicine with examples of clinical studies	2	2	0	0	60	300	360	12	-
2	KM-01-1-008-3	Laboratory medicine in the function of clinical research	3	2	0	0	75	45	120	4	-
3		Elective field subject*	3	8	0	0	165	435	600	20	-
4		Individual elective subject**			0	3	45	195	240	8	
5	KM-01-2-015-4	Elective research method			0	3	45	195	240	8	
6	KM-01-2-016-4	Elective statistical method			0	3	45	195	240	8	
<b>Total number of active teaching</b>			<b>20</b>		<b>9</b>		<b>435</b>	<b>1365</b>	<b>1800</b>	<b>60</b>	<b>-</b>

\*Elective field subjects

## BIOMEDICAL SCIENCE III STUDY CYCLE

3	KM-01-2-009-3	Current issues in medicine	3	8	0	0	165	435	600	20	-
	KM-01-2-010-3	Current issues in dentistry	3	8	0	0	165	435	600	20	-
	KM-01-2-011-3	Current issues in nursing	3	8	0	0	165	435	600	20	-

### \*\*Individual elective subjects

4	KM-01-2-012-4	Current issues in the appropriate field of medicine	0	0	0	3	45	195	240	8	-
	KM-01-2-013-4	Current issues in the appropriate field of dentistry	0	0	0	3	45	195	240	8	-
	KM-01-2-014-4	Current issues in the appropriate field of nursing	0	0	0	3	45	195	240	8	-

### III STUDY YEAR

SUBJECTS			Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem		II sem.						
Br.	Subject code	Name of subject	L	SRW	L	SRW					
1	KM-01-1-017-5 KM-01-1-017-6	Preparation of PhD thesis	0	20	0	20	600	1200	1800	60	-
<b>Total number of active teaching</b>			<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>600</b>	<b>1200</b>	<b>1800</b>	<b>60</b>	<b>-</b>

L - Lectures  
SRW – self-research work  
SSW- student self-work



1.	LECTURES	360
2.	SELF-RESEARCH WORK (SRW)	1275
3.	<b>TOTAL NUMBER OF LECTURES</b>	<b>1635</b>
4.	STUDENT SELF-WORK (SSW)	<b>3765</b>
6.	<b>ECTS</b>	<b>180</b>

Vice Dean for Teaching

Nedeljka Ivkovic, PhD

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## BIOMEDICAL SCIENCE III STUDY CYCLE

	UNIVERSITY OF EAST SARAJEVO		
Study programme	MOLECULAR MEDICINE		

### I STUDY YEAR

SUBJECTS		Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
		I sem		II sem						
		L	SRW	L	SRW					
No.	Subject code	Name of subject								
1	MM -01-1-001-1 MM -01-1-001-2	Methodology of scientific research and publications in medicine				150	450	600	20	-
2	MM -01-1-002-1	Application of mathematical and statistical methods in medicine				105	135	240	8	-
3	MM -01-1-003-1	Informatics in biomedicine				105	135	240	8	-
4	MM -01-1-004-2	Writing and management of a research project and study				105	135	240	8	-
5	MM -01-1-005-2	Ethics in scientific research and publishing				60	180	240	8	-
6	MM-01-1-006-2	Principles of good laboratory practice				75	165	240	8	-
Total number of active teaching		19		21		600	1200	1800	60	-

### II STUDY YEAR

SUBJECTS		Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
		I sem		II sem.						
		L	SRW	L	SRW					
No.	Subject code	Name of subject								
1	MM-01-1-007-3	Cell biology				90	270	360	12	-
2	MM-01-1-008-3	Work in the laboratory of cell and molecular biology				45	75	120	4	-
3		Elective field subject *				165	435	600	20	-
4		Individual elective subject **				45	195	240	8	-
5	MM -01-2-019-4	Elective research method				45	195	240	8	-
6	MM -01-2-020-4	Elective statistical method				45	195	240	8	-
Total number of active teaching		20		9		435	1365	1800	60	-

\* Elective field subject

3	MM -01-2-009-3	Human molecular genetics	3	8	0	0	165	435	600	20	-
	MM -01-2-010-3	Basic cellular physiology	3	8	0	0	165	435	600	20	-
	MM -01-2-011-3	Molecular and cellular immunology	3	8	0	0	165	435	600	20	-

## BIOMEDICAL SCIENCE III STUDY CYCLE

** Individual elective subject											
4	MM -01-2-012-4	Cell signaling	0	0	0	3	45	195	240	8	-
	MM -01-2-013-4	Molecular mechanisms of drug action	0	0	0	3	45	195	240	8	-
	MM -01-2-014-4	Molecular oncology and hematology	0	0	0	3	45	195	240	8	-
	MM -01-2-015-4	Molecular pathology of the disease	0	0	0	3	45	195	240	8	-
	MM -01-2-016-4	Molecular microbiology	0	0	0	3	45	195	240	8	-
	MM -01-2-017-4	Neurobiology	0	0	0	3	45	195	240	8	-
	MM -01-2-018-4	Molecular basis of hereditary disease	0	0	0	3	45	195	240	8	-

III STUDY YEAR											
SUBJECTS			Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem.		II sem.						
No.	Subject code	Name of subject	Π	SRW	Π	SRW					
1	MM -01-1-021-5 MM -01-1-021-6	Preparation of PhD thesis	0	20	0	20	600	1200	1800	60	-
<b>Total number of active teaching</b>			<b>20</b>		<b>20</b>		<b>600</b>	<b>1200</b>	<b>1800</b>	<b>60</b>	<b>-</b>



L - Lectures  
SRW – self-research work  
SSW- student self-work

1.	LECTURES	360
2.	SELF-RESEARCH WORK (SRW)	1275
3.	<b>TOTAL NUMBER OF LECTURES</b>	<b>1635</b>
4.	<b>STUDENT SELF-WORK (SSW)</b>	<b>3765</b>
6.	<b>ECTS</b>	<b>180</b>

Vice Dean for Teaching  
Nedeljka Ivkovic, PhD

(signature)

## BIOMEDICAL SCIENCE III STUDY CYCLE

	<b>UNIVERSITY OF EAST SARAJEVO</b>	
<b>Study programme</b>	<b>PUBLIC HEALTH</b>	

### I STUDY YEAR

SUBJECTS			Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem.		II sem.						
			L	SRW	L	SRW					
No.	Subject code	Name of subject	L	SRW	L	SRW					
1	J3-01-1-001-1 J3-01-1-001-2	Methodology of scientific research and publications in medicine	2	3	2	3	150	450	600	20	-
2	J3-01-1-002-1	Application of mathematical and statistical methods in medicine	4	3	0	0	105	135	240	8	-
3	J3-01-1-003-1	Informatics in biomedicine	2	5	0	0	105	135	240	8	-
4	J3-01-1-004-2	Writing and management of a research project and study	0	0	3	4	105	135	240	8	-
5	J3-01-1-005-2	Ethics in scientific research and publishing	0	0	1	3	60	180	240	8	-
6	J3-01-1-006-2	Principles of public health work	0	0	2	3	75	165	240	8	-
<b>Total number of active teaching</b>			<b>19</b>		<b>21</b>		<b>600</b>	<b>1200</b>	<b>1800</b>	<b>60</b>	<b>-</b>

### II STUDY YEAR

SUBJECTS			Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem.		II sem.						
			L	SRW	L	SRW					
No..	Subject code	Name of subject	L	SRW	L	SRW					
1	J3-01-1-007-3	Основе јавно-здравствених истраживања	3	2	0	0	75	285	360	12	-
2	J3-01-1-008-3	Епидемиологија хроничних незаразних болести	2	2	0	0	60	60	120	4	-
3		Elective field subject *	3	8	0	0	165	435	600	20	-
4		Individual elective subject **			0	3	45	195	240	8	
5	J3-01-2-022-4	Elective research method			0	3	45	195	240	8	
6	J3-01-2-023-4	Elective statistical method			0	3	45	195	240	8	
<b>Total number of active teaching</b>			<b>20</b>		<b>9</b>		<b>435</b>	<b>1365</b>	<b>1800</b>	<b>60</b>	<b>-</b>

#### \* ELECTIVE FIELD SUBJECTS

3	J3-01-2-009-3	Evidence-based medicine and public health	3	8	0	0	165	435	600	20	-
	J3-01-2-010-3	Measurement of the population health status	3	8	0	0	165	435	600	20	-
	J3-01-2-011-3	Epidemiology in public health practice	3	8	0	0	165	435	600	20	-

## BIOMEDICAL SCIENCE III STUDY CYCLE

J3-01-2-012-3	Intra-hospital infections	3	8	0	0	165	435	600	20	-
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### \*\* INDIVIDUAL ELECTIVE SUBJECTS

4	J3-01-2-013-4	Mass noncommunicable diseases	0	0	0	3	45	195	240	8	-
	J3-01-2-014-4	Epidemiology of infectious diseases	0	0	0	3	45	195	240	8	-
	J3-01-2-015-4	Nutrition of different categories of population	0	0	0	3	45	195	240	8	-
	J3-01-2-016-4	Ecology and environmental protection	0	0	0	3	45	195	240	8	-
	J3-01-2-017-4	Models of health care organization	0	0	0	3	45	195	240	8	-
	J3-01-2-018-4	Economics and management in health care	0	0	0	3	45	195	240	8	-
	J3-01-2-019-4	Occupational diseases and safety	0	0	0	3	45	195	240	8	-
	J3-01-2-020-4	Causes of infection	0	0	0	3	45	195	240	8	-
	J3-01-2-021-4	Health promotion	0	0	0	3	45	195	240	8	-

### III STUDY YEAR

No.	Subject code	Name of subject	Lectures per week				Total number of lectures	SSW	Total number of hours per subject	ECTS	The requirement for examination
			I sem.		II sem.						
			L	SRW	L	SRW					
1	J3-01-1-024-5 J3-01-1-024-6	Preparation of PhD thesis	0	20	0	20	600	1200	1800	60	-
<b>Total number of active teaching</b>			<b>20</b>		<b>20</b>		<b>600</b>	<b>1200</b>	<b>1800</b>	<b>60</b>	<b>-</b>

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