Medical biology (in English) from 2017-2018

SEMESTER	No.	Subjects	pass / exam	Hours				Year I				Year II				Year III				Others	Total ECTS	Total hours BC	Total hours GCH	Total hours OCH	Total hours PC	Total hours MC
								1st sem.		2nd sem.		3rd sem.		4th sem.		5th sem.		6 sem.								
				Total	Lectures	Exercise	ext. Lab.	L	E	L	E	L	E	L	E	L	E	L	E							
I	1	The Subject of General Education	p	30	30	0		30	0												2					
	2	Foreign Language	p	30	0	30		0	30												2					
	3	Ergonomics	p	2	2	0		2	0												0,25					
	4	Protection of Intellectual Property	p	2	2	0		2	0												0,25					
	5	Training of safety and hygiene at work	p	4	4	0		4	0												0,5					
	6	Ethical Code	p	4	4	0		4	0												0,5					
	7	Bioethics	p	10	10	0		10	0											1	1					
	8	Information technology	p	30	0	30		0	30											1	2					
		PHYSICS COURSE I																								
	9	Physics	p	60	20	40		20	40											2	4,5				60	
		MATHEMATIHICS COURSE I																								
	10	Mathematics	p	30	10	20		10	20											2	2					30
		GENERAL CHEMISTRY COURSE I																								
	11	General Chemistry	p	60	20	40		20	40											2	4		60			
		BIOLOGY COURSE I																								
	12	Cell biology	**e**	30	10	20		10	20											2	2	30				
	13	Zoology	**e**	55	20	20	15	20	35											3	4	55				
	14	Histology	p	70	20	50		20	50											2	5	70				
		TOTAL SEMESTER I		**417**	**152**	**250**	**15**	**152**	**265**											**15**	**30**	**155**	**60**	**0**	**60**	**30**
II	15	Subjects of education in the humanities or social sciences	p	45	45	0				45	0										3					
	16	Foreign Language	p	30	0	30				0	30										2					
	17	Biostatistics in Medicine	p	30	10	20				10	20									2	2					
		ORGANIC CHEMISTRY COURSE I																								
	18	Organic Chemistry	**e**	75	30	45				30	45									3	5			75		
		PHYSICS COURSE II																								
	19	Biophysics	**e**	60	20	40				20	40									2	4				60	
		GENERAL CHEMISTRY COURSE II																								
	20	General Chemistry	**e**	70	20	50				20	50									3	5		70			
		BIOLOGY COURSE II																								
	21	Botany	p	45	15	20	10			15	30									2	3	45				
	22	Human Functional Anatomy	**e**	75	30	45				30	45									3	6	75				
		TOTAL SEMESTER II		**430**	**170**	**250**	**10**			**170**	**260**									**15**	**30**	**120**	**70**	**75**	**60**	**0**
III	23	Foreign Language	p	30	0	30						0	30								2					
		ORGANIC CHEMISTRY COURSE II																								
	24	Biochemistry	**e**	75	30	45						30	45							3	6			75		
		BIOLOGY COURSE III																								
	25	Genetics	**e**	45	15	30						15	30							2	3	45				
	26	Human Physiology	p	60	30	30						30	30							2	4	60				
	27	Plant Physiology	p	30	10	20						10	20							2	2	30				
	28	Medical Microbiology and Mycology	**e**	80	20	40	20					20	60							3	6	80				
	29	Elective Courses	p	90	30	60						30	60							4	7					
		TOTAL SEMESTER III		**410**	**135**	**255**	**20**					**135**	**275**							**16**	**30**	**215**	**0**	**75**	**0**	**0**
IV	30	Foreign Language	**e**	30	0	30								0	30						2					
		BIOLOGY COURSE IV																								
	31	Human Physiology	**e**	75	30	45								30	45					3	5,5	75				
	32	Methods of Molecular Detection	**e**	90	30	60								30	60					3	6,5	90				
	33	Methods of *in vitro* Cultures	p	60	10	50								10	50					2	4	60				
		ORGANIC CHEMISTRY COURSE III																								
	34	Basis of Enzymology	p	30	10	20								10	20					1	2			30		
		MATHEMATIHICS COURSE II																								
	35	Calculus	p	45	20	25								20	25					2	3					45
	36	Elective Courses	p	90	30	60								30	60					4	7					
		TOTAL SEMESTER IV		**420**	**130**	**290**	**0**							**130**	**290**					**15**	**30**	**225**	**0**	**30**	**0**	**45**
V		**BIOLOGY COURSE V**																								
	37	Basis of Epidemiology	p	25	10	15										10	15			2	2	25				
	38	Genetic Engineering	p	50	20	30										20	30			2	4	50				
	39	Immunology and Basic Immunotherapy	**e**	50	20	30										20	30			3	5	50				
	40	Reproduction and Endocrinology	**e**	35	10	25										10	25			2	3	35				
	41	Biological Methods of Diagnostic	**e**	100	20	70	10									20	80			3	7	100				
	42	Medical Ecology	**e**	30	10	10	10									10	20			2	2	30				
	43	Physical Education	p	30	0	30											30			0	0					
	44	Undergraduate Seminar	p	30	0	30										0	30			1	2					
	45	Profecional Practice	p	0	0	0										0	0			160	6					
	46	Bachelor's Degree Thesis and Preparation for a Diploma Examination	p	0	0	0										0	0			25	3					
	47	Elective Courses	p	90	30	60										30	60			4	7					
		TOTAL SEMESTER V		**440**	**120**	**300**	**20**									**120**	**320**			**204**	**41**	**290**	**0**	**0**	**0**	**0**
VI	48	Bachelor's Degree Thesis and Preparation for a Diploma Examination	p	0	0	0												0	0	50	7					
	49	Undergraduate Seminar	p	30	0	30												0	30	1	2					
		BIOLOGY COURSE VI																								
	50	Methods of Human Molecular Diagnostic	**e**	45	0	45												0	45	2	3,5	45				
	51	Promotion and Protection of the Health	p	30	10	20												10	20	1	2	30				
	52	Introduction to the Medical Biotechnology	p	20	20	0												20	0	1	1,5	20				
	53	Evolutionary Biology	e	30	15	15												15	15	2	2	30				
	54	Enterprise	p	15	15	0												15	0	1	1					
		TOTAL SEMESTER VI		**170**	**60**	**110**	**0**											**60**	**110**	**58**	**19**	**125**	**0**	**0**	**0**	**0**
		Total Hours		**2287**	**767**	**1455**	**65**													**323**	**180**	**1005**	**130**	**180**	**120**	**75**
		Total Hours in semester						**417**		**430**		**410**		**420**		**440**		**170**				BIOLOGY	G. CHEMISTRY	O.CHEMISTRY	PHYSICS	MATHEMATHICS

Zatwierdzono na Radzie Wydziału dnia 25 maja 2017 roku Uchwała Nr 80/2017