

kierunek - farmacja ED

poziom studiów - jednolite studia magisterskie
cykl kształcenia 2020-2026
rok akademicki 2020/2021

Załącznik nr 11 do Uchwały nr 49/2020
Senatu GUMed z dnia 01.09.2020 r.

Module / Subject	ECTS	Total number of hours	semester 1						semester 2						Manner of obtaining credit
			Number of hours						Number of hours						
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study	
Anatomy	3	32	17		11	4									Credit with mark
Basic Polish I	4	60			30					30					Credit
Biology and genetics	6	60	15		34	11									Exam
Biophysics	2	25								19	6				Credit with mark
Botany	8	85						19	6	45	15				Exam
General and inorganic chemistry	9	95	25		53	17									Exam
History of pharmacy	1	15	15												Credit with mark
History of philosophy	1	15							15						Credit
Hygiene and epidemiology	2	30						10	20						Credit with mark
Information literacy		2	2												Credit
Latin language classes	4	60			30					30					Credit with mark
Mathematics	2	30			30										Credit with mark
Physical chemistry	9	95						30	5	45	15				Exam
Physical education		60			30					30					Credit
Propaedeutics of pharmaceutical practice	2	30	14					16							Credit
Psychology and sociology	1	15							15						Credit with mark
Safety and Good Work Practice		4	4												Credit
Statistics	2	30								30					Credit with mark
Elective subjects	4	45													Credit

exercises - classes in a remote form; in exceptional cases, with the rector's consent, in a traditional form requiring direct contact but maintaining the epidemiological safety!

laboratories - traditional classes (requiring direct, physical contact)

practical training - traditional classes (requiring direct, physical contact)

In case of selected classes carried out traditionally, with the consent of the rector, the possibility of remote organization is allowed, due to epidemiological conditions.

Module / Subject	ECTS	Total number of hours	semester 3						semester 4						Manner of obtaining credit
			Number of hours						Number of hours						
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study	
Analytical chemistry	10	115	25	10	23	7				38	12			Exam	
Basic Polish II	5	60			30					30				Credit	
Biochemistry	9	100						40		45	15			Exam	
Immunology	3	35						20		11	4			Credit	
Information technology	1	15								15				Credit	
Intellectual property protection	2	15						15						Credit	
Microbiology	7	80	20		45	15								Exam	
Molecular biology	3	40	10	15	11	4								Credit	
Organic chemistry	12	140	40							75	25			Exam	
Physiology	6	75	30		34	11								Exam	
Elective subjects	2	30												Credit	

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Module / Subject	ECTS	Total number of hours	semester 5						semester 6						Manner of obtaining credit
			Number of hours						Number of hours						
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study	
Immunology	3	30	18		9	3									Credit with mark
Qualified first aid	2	35							15	10	10				Exam
Microbiology	5	90	25		49	16									Exam
Pathophysiology	5	75	30	45											Exam
Pharmaceutical chemistry	14	205	50		79	26		20		23	7				Exam
Pharmaceutical technology I *	9	150	25					15		55	55				Credit
Pharmacognosy	10	150	30		34	11		30		34	11				Exam
Pharmacology and pharmacodynamics	5	65						20	45						credit
Pharmacy pre-training		5								4	1				Credit
Elective subjects	2	30													Credit
* One-month summer training at open pharmacy	5	160													Credit

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