

kierunek - farmacja ED  
 poziom studiów - jednolite studia magisterskie  
 forma - studia stacjonarne  
 cykl kształcenia 2022-2028  
 rok akademicki 2022/2023

Załącznik nr 7 do Uchwały nr 25/2022 Senatu GUMed z dnia 25.04.2022 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		15										Credit with mark
Basic Polish I	4	60			30					30					Credit
Biology and genetics	6	60	15		11	34									Exam
Biophysics	2	25								7	18				Credit with mark
Botany	8	85						19	6	15	45				Exam
General and inorganic chemistry	9	95	25		14	56									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	10	95						30	5	12	48				Exam
Physical education		60			30					30					Credit
Propaedeutics of pharmaceutical practice	2	30	30												Credit
Information technology	1	15				15									Credit with mark
Safety and Good Work Practice		4	4												Credit
Statistics	2	30								30					Credit with mark
Elective subjects	3	45													Credit

\* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

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forma - studia stacjonarne

cykl kształcenia 2021-2027

rok akademicki 2022/2023

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	6	24				10	40			Exam	
Basic Polish II	4	60			30					30				Credit with mark	
Biochemistry	9	100						40		12	48			Exam	
Immunology	3	35						20		3	12			Credit with mark	
Psychology and sociology	1	15							15					Credit with mark	
Intellectual property protection	1	15						15						Credit	
Microbiology	7	80	20		12	48								Exam	
Molecular biology	3	40	10	15	3	12								Credit with mark	
Organic chemistry	12	140	50							15	75			Exam	
Physiology	6	75	30		9	36								Exam	
Elective subjects	4	45												Credit	

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 cykl kształcenia 2020-2026  
 rok akademicki 2022/2023

Załącznik nr 7 do Uchwały nr 25/2022 Senatu GUMed z dnia 25.04.2022 r.

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	
Basics of drug design	1	15							15						Credit
Basics of radiopharmacy	1	15	15												Credit
Introduction to emergency medicine	2	30							15	3	12				Credit with mark
Medical ethics	2	30						15	15						Credit
Pathophysiology	5	75	30	45											Exam
Pharmaceutical biotechnology	3	40						20		5	15				Exam
Pharmaceutical chemistry	16	255	50		20	85		40		15	45				Exam
Pharmaceutical technology I *	9	150	25					15			110				Credit
Pharmacognosy	10	150	30		9	36		30		9	36				Exam
Pharmacy pre-training		5								5					Credit
Elective subjects	5	60													Credit
One-month summer training at open pharmacy	6	160													Credit

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Załącznik nr 7 do Uchwały nr 25/2022 Senatu GUMed z dnia 25.04.2022 r.

Module / Subject	ECTS	Total number of hours	semester 7						semester 8*						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		
Basics of entrepreneurship	1	20								20						Credit with mark
Bromatology	6	90	30	10	10	40										Exam
Clinical pharmacy	3	45							15	20	2	8				Credit
Introduction to medicine	2	30	20	5		5										Exam
Nature drugs	2	40	32	8												Credit with mark
Oncology	2	20							20							Credit
Pharmaceutical technology II	7	110	30			80										Credit
Pharmacokinetics	2	40							15	5	6	14				Credit with mark
Pharmacology and pharmacodynamics	13	210	40	65					35	70						Exam
Synthesis and chemical technology of drugs	5	75	16	5	4	32				6	6	6				Exam
Toxicology	6	95							30		13	52				Exam
Elective subjects	5	60														Credit
One-month summer training at hospital pharmacy	6	160														Credit

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Załącznik nr 7 do Uchwały nr 25/2022 Senatu GUMed z dnia 25.04.2022 r.

Module / Subject	ECTS	Total number of hours	semester 9						semester 10*						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	
Basic Clinical Pharmacy	2	30	16	4	3	7									Credit with mark
Biopharmaceutics	5	45	25		5	15									Exam
Nature drugs	3	30	24	6											Credit with mark
Pharmaceutical law	2	35	15	20											Credit with mark
Pharmaceutical technology III	10	70	20			50									Exam
Pharmacotherapy and drug information	6	60	45	15											Credit with mark
Pharmacy practice	7	90	20	23	10	37									Credit with mark
Scientific research methodology	20	439								439					Credit
Elective subjects	5	75													Credit

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