

Study plan

Faculty offering the field of study:	Faculty of Pharmacy
Field of study:	Farmacja studia w języku angielskim (Pharmacy)
Level of study:	Long-cycle study
Level of the Polish Qualifications Framework:	Level 7
Degree profile:	General academic
Mode of study:	Full-time programme
Number of semesters:	11
Number of ECTS credit necessary for completing a field of study on a given level:	360
Total number of teaching hours:	5426

I semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form					Total number of hours	Method of assessing
				Le	T	La	FL	S		
A Biomedical and humanistic basis of pharmacy	Anatomy K Anatomii Prawidłowej	1700-F1-ANAT-J	3	18		12			30	Credit with grade
B Physicochemical basis of pharmacy	Biophysics K Biofizyki	1701-F1-BFIZ-J	4	15		27			42	Exam
A Biomedical and humanistic basis of pharmacy	Biology and genetics K Biologii i Biochemii Medycznej	1700-F1-BGEN-J	5	21		33			54	Exam
B Physicochemical basis of pharmacy	General and inorganic chemistry K Chemii Nieorganicznej i Analitycznej	1710-F1-CHON-J	7	20		60			80	Credit
A Biomedical and humanistic basis of pharmacy	History of Philosophy Studium Medycyny Społecznej	1700-F1-FIL-J	2		30				30	Credit with grade
E Pharmaceutical Practice	Latin Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej	1628-WF-far-jl-1	3				30		30	Credit
B Physicochemical basis of pharmacy	Mathematics K Biostatystyki i Teorii Układów Biomedycznych	1703-F1-MAT-J	3	10	25				35	Exam
Others	Occupational Safety, Health and Ergonomics Zespół ds. BHP i Ppoż.CM	9001-eBHP	0	8 (e-learning)					8	Credit
Others	Library Orientation		0	2				2	4	Credit
Physical education	Physical Education Class Studium Wychowania Fizycznego i Sportu CM		0		30				30	Credit
A group of subjects to choose	Elective Courses		2	30					30	Credit with grade
Total:			29	116	85	132	30	2	373	

*Forms of classes: Le – lecture; S – seminar, FL – foreign language; T – tutorial; La – lab

II semester

Name of module	Name of course	Code of course in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	FL	S	Field / practical classes		
A Biomedical and humanistic basis of pharmacy	Botany K Biologii i Botaniki Farmaceutycznej	1706-F1-BOT-J	9	30	15	45			10	100	Exam
B Physicochemical basis of pharmacy	General and inorganic chemistry K Chemii Nieorganicznej i Analitycznej	1710-f1-chon-l-j	7	20				30		50	Exam
E Pharmaceutical Practice	Latin language Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej	1628-WF-far-jl-1	2				15			15	Credit with grade
E Pharmaceutical Practice	Foreign language Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej	1700-F1-PSYCH-J	2				40			40	Credit
A Biomedical and humanistic basis of pharmacy	Psychology K Neuropsychologii Klinicznej	1700-F1-SOCJ-J	1		15					15	Credit with grade
A Biomedical and humanistic basis of pharmacy	Sociology Studium Medycyny Społecznej	1703-F1-STAT-J	1		15					15	Credit with grade
B Physicochemical basis of pharmacy	Statistics K Biostatystyki i Teorii Układów Biomedycznych	1703-F1-STAT-J	4	12		23				35	Exam
E Pharmaceutical Practice	Propedeutics of Pharmacy K Technologii Postaci Leku	1700-PROPF-WF-l-j	2	14				9		23	Credit with grade
Physical education	Physical Education Class Studium Wychowania Fizycznego i Sportu CM		0		30					30	Credit
A group of subjects to choose	Elective Courses		3	45						45	Credit with grade
Total:			31	121	75	68	55	39	10	368	

*Forms of classes: Le – lecture; S – seminar, FL – foreign language; T – tutorial; La – lab

III semester

Module name	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	FL	S	Practical classes		
B Physicochemical basis of pharmacy	Analytical chemistry K Chemii Nieorganicznej i Analitycznej	1710-F2-CHAN-J	6	20	15	45				80	Credit
B Physicochemical basis of pharmacy	Physical chemistry K Chemii Fizycznej	1708-F2-CHFIZ-J	7	30	15	45				90	Exam
B Physicochemical basis of pharmacy	Organic chemistry K Chemii Organicznej	1711-F2-CHOR-J	7	20		56		19		95	Credit
A Biomedical and humanistic basis of pharmacy	Physiology K Fizjologii	1700-F2-FIZJ-J	5	30		35				65	Exam
E Pharmaceutical Practice	History of pharmacy K Nauk Społecznych i Medycznych	1700-F5-HISTF-j	1	15						15	Credit with grade
E Pharmaceutical Practice	Foreign language Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej		2				40			40	Credit with grade
A group of subjects to choose	Elective Courses		2	30						30	Credit with grade
Total:			30	145	30	181	40	19		415	

*Forms of classes: Le – lecture; S – seminar, FL – foreign language; T – tutorial; La – lab

IV semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	FL	S	Practical classes		
A Biomedical and humanistic basis of pharmacy	Biochemistry K Biochemii Klinicznej		7	30		65				95	Exam
B Physicochemical basis of pharmacy	Analytical chemistry K Chemii Nieorganicznej i Analitycznej		6	20		45		15		80	Exam
B Physicochemical basis of pharmacy	Organic chemistry K Chemii Organicznej		7	20		56		19		95	Exam
A Biomedical and humanistic basis of pharmacy	Immunology K Immunologii		2	18		12				30	Credit with grade
B Physicochemical basis of pharmacy	Information technology K Biostatystyki i Teorii Układów Biomedycznych		2			30				30	Credit with grade
E Pharmaceutical Practice	Foreign language Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej		2				40			40	Credit with grade
A Biomedical and humanistic basis of pharmacy	Advanced First Aid K Medycyny Ratunkowej i Katastrof		2	20		20				40	Credit with grade
A group of subjects to choose	Elective Courses		2	30						30	Credit with grade
Total:			30	138	0	228	40	34		440	

*Forms of classes: Le – lecture; S – seminar, FL – foreign language; T – tutorial; La – lab

V semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	FL	S	Practical classes		
C Drug analysis, synthesis and technology	Medicinal chemistry K Chemii Leków	1709-F3-CHLE-J	7	25	50	70				145	Credit
C Drug analysis, synthesis and technology	Pharmacognosy K Botaniki Farmaceutycznej i Farmakognozji	1713-F3-FKGN-J	3	30		30		15		75	Credit
A Biomedical and humanistic basis of pharmacy	Microbiology K Mikrobiologii	1716-F3-MIKR-J	5	30		50				80	Exam
A Biomedical and humanistic basis of pharmacy	Pathophysiology K Patofizjologii	1702-F3-PATO-J	5	30		40				70	Exam
C Drug analysis, synthesis and technology	Pharmaceutical technology I K Technologii Postaci Leku	1720-F3-TEPL-J	4	24		65			10	99	Credit
E Pharmaceutical Practice	Foreign language Wydziałowy Zespół Naukowo – Dydaktyczny Lingwistyki Stosowanej		4				30			30	Exam
A group of subjects to choose	Elective Courses		2	30						30	Credit with grade
Total:			30	169	50	255	30	15	10	529	

*Forms of classes: Le – lecture; S – seminar, FL – foreign language; T – tutorial; La – lab

VI semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	WP	S	Practical classes		
C Drug analysis, synthesis and technology	Medicinal chemistry K Chemii Leków	1709-F3-CHLEL-J	7	30		75				105	Exam
C Drug analysis, synthesis and technology	Pharmacognosy K Botaniki Farmaceutycznej i Farmakognozi	1713-F3-FKGNL-J	5	15		40		20		75	Exam
D Biopharmacy, and drugs activity effects	Pharmacokinetics K Biofarmacji	1705-F3-FKIN-J	3	10		25				35	Credit with grade
D Biopharmacy, and drugs activity effects	Pharmacology with pharmacodynamics I K Farmakodynamiki i Farmakologii Molekularnej	1724-F3-FARMF-L-J	3	30	15					45	Credit with grade
G Profession practice	Practice in a community Pharmacy K Technologii Postaci Leku	1720-F3-PRAK-J	6				160			160	Credit
C Drug analysis, synthesis and technology	Pharmaceutical technology I K Technologii Postaci Leku	1720-F3-TEPLL-J	5	11		60			10	81	Exam
A group of subjects to choose	Elective Courses		1	15						15	Credit with grade
Total:			30	111	15	200	160	20	10	516	

*Forms of classes: Le – lecture; S – seminar, WP – work placement; T – tutorial; La – lab

VII semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing	
				Le	T	La	WP	S	Practical classes			
A Biomedical and humanistic basis of pharmacy	Molecular biology K Medycyny Sądowej	1700-F4-BMOL-J	3	10					20		30	E
D Biopharmacy, and drugs activity effects	Medicines of natural origin K Botaniki Farmaceutycznej i Farmakognozji	1713-F4-LPN-J	2	15					20		30	Credit with grade
D Biopharmacy, and drugs activity effects	Pharmacology with pharmacodynamics II K Farmakodynamiki i Farmakologii Molekularnej	1724-F4-FARMF-J	5	45	15	30					90	Credit
C Drug analysis, synthesis and technology	Synthesis and technology of therapeutic agents K Technologii Chemicznej Środków Leczniczych	1719-F4-SITS-J	6	30		48			12		90	Exam
C Drug analysis, synthesis and technology	Pharmaceutical technology II K Technologii Postaci Leku	1720-F4-TEPL-J	4	35							35	Credit
D Biopharmacy, and drugs activity effects	Toxicology K Toksykologii i Bromatologii	1700-F4-TOKS-J	5	40		55					90	Exam
A group of subjects to choose	Elective Courses		3	45							45	Credit with grade
Total:			28	220	15	133			52		410	

*Forms of classes: Le – lecture; S – seminar, WP – work placement; T – tutorial; La – lab

VIII semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing	
				Le	T	La	WP	S	Practical classes			
E Pharmaceutical Practice	Clinical pharmacy		3	20					15	6	41	Credit with grade
C Drug analysis, synthesis and technology	Pharmaceutical biotechnology K Farmakodynamiki i Farmakologii Molekularnej		2	18		12					30	Credit with grade
E Pharmaceutical Practice	Pharmacoeconomics		3	26	15						41	Exam
D Biopharmacy, and drugs activity effects	Pharmacology with pharmacodynamics II		6	50		45					95	Exam
D Biopharmacy, and drugs activity effects	Bromatology		5	30		45					75	Exam
G Profession practice	Practice in a hospital pharmacy and pharmaceutical industry		6				160				160	Credit
C Drug analysis, synthesis and technology	Pharmaceutical technology II*		5			45				25	70	Credit with grade
A group of subjects to choose	Elective Courses		2	30							30	Credit with grade
Total:			32	174	15	147	160	15	31	542		

*Forms of classes: Le – lecture; S – seminar, WP – work placement; T – tutorial; La – lab

IX semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	In all T + La + Practical classes	S	Practical classes		
D Biopharmacy, and drugs activity effects	Biopharmacy		3	15		45				60	Credit with grade
F Research methodology and master's thesis seminar	Specialized exercises and research methodology		5				100			100	Credit
E Pharmaceutical Practice	Profession ethics		2	25	10					35	Credit with grade
E Pharmaceutical Practice	Practical pharmacy		4	8		48		27	4	87	Credit with grade
E Pharmaceutical Practice	Pharmacotherapy and drug information		4	20	30	25			6	81	Exam
E Pharmaceutical Practice	Pharmacoepidemiology		2	20	20					40	Exam
E Pharmaceutical Practice	Pharmaceutical care		2			25				25	Credit with grade
E Pharmaceutical Practice	Pharmaceutical law		3	26	24					50	Exam
F Research methodology and master's thesis seminar	Master's thesis seminar		2				30			30	Credit
C Drug analysis, synthesis and technology	Pharmaceuyical Technology III		3	15		30				45	Exam
A group of subjects to choose	Elective Courses		1	15						15	Credit with grade
Total:			31	144	84	173	130	27	10	568	

*Forms of classes: Le – lecture; S – seminar; T – tutorial; La – lab

X semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	In all T + La + Practical classes	S	Master's thesis S		
F Research methodology and master's thesis seminar	Specialist laboratory classes		25				275			275	Credit with grade
F Research methodology and master's thesis seminar	Master's thesis seminar		5						30		Credit with grade
Total:			30				275		30	305	

*Forms of classes: Le – lecture; S – seminar; T – tutorial; La – lab

XI semester

Name of module	Name of course	Code of course unit in USOS	ECTS	Number of hours with direct participation of teachers or other persons conducting classes - by class form						Total number of hours	Method of assessing
				Le	T	La	T+La	S	WP		
G Profession practice	Six-month practice in a pharmacy		60						960	960	Credit
Total:			60						960	960	

*Forms of classes: Le – lecture; S – seminar, WP – work placement; T – tutorial; La – lab

The study plan has been in force since the semester academic year

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(Dean's stamp and signature)