

Plan of Study

Faculty offering the field of study:	Faculty of Pharmacy
Field of study:	Pharmacy
Level of qualification:	long-cycle studies
Level in the Polish Qualifications Framework:	level 7
Degree profile:	general academic
Mode of study:	full-time
Number of semesters:	11
Number of ECTS credits required to complete a programme at a given level:	360
Total number of didactic hours:	5426

Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

I semester

Groups of courses przedmiotów	Course	Course code in USOS PL/EN	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes					General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Lektorat	S		
A Biomedical and Humanistic Basics of Pharmacy	Anatomy Dept. of Human Anatomy	1700-F1-ANAT-J / 1755-F1-ANAT-J	3	18		12			30	Z O
A Biomedical and Humanistic Basics of Pharmacy	Botany Dept. of Pharmaceutica l Botany and Pharmacognos y	1700-f1-BOTAN-J / 1755-F1-BOT-J	4	15	10	24			49	Z
A Biomedical and Humanistic Basics of Pharmacy	Biology and Genetics Dept. of Biology and Medical Biochemistry	1700-F1-BGEN-J / 1755-F1-BGEN-J	5	21		33			54	E
B Physiochemical Basics of Pharmacy	General and Inorganic Chemistry Dept. of Inorganic and Analytical Chemistry	1710-F1-CHOIN-J / 1755-F1-CHOIN-J	7	20		60			80	Z
A Biomedical and Humanistic Basics of Pharmacy	History of Philosophy Laboratory for Social Medicine	1700-F1-FIL-J / 1755-F1-FIL-J	2		30				30	Z O
E Pharmacy Practice	Latin Centre for Specialised Languages in Medicine		3				30		30	Z
B Physiochemical Basics of Pharmacy	Mathematics Dept. of Biostatistics and Biomedical Systems Theory	1703-F1-MAT-J / 1755-F1-MAT-J	3	10	25				35	E
Other	Elements of Occupational Health, Safety and Ergonomics CM Section for Health Safety and Fire Protection	9001-eBHP	0	8 (e-learning) deadline: 31 October					8	Z
Other	Library Orientation	1700-F1-BIB-J / 1755-F1-BIB-J	0	2				2	4	Z
Physical Education	Physical Education CM Centre for Physical Education and Sport		0		30				30	Z
Student's Choice	Elective Courses/ University-Wide		2	30					30	Z O

Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

I semester

	Lectures									
Total:			29	116	85	132	30	2	380	

¹ZO – credit with a grade, Z – credit, E – examination.

II semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Lektorat	S	Zaj. Terenowe/praktyczne		
A Biomedical and Humanistic Basics of Pharmacy	Botany Department of Pharmaceutical Botany and Pharmacognosy	1706-F1-BOT-J / 1755-F12-BOT-J	5	15		26			10	51	E
B Physiochemical Basics of Pharmacy	Biophysics Dept. of Biophysics	1701-F1-BFIZ-J / 1755-F12-BFIZ-J	4	15		27				42	E
B Physiochemical Basics of Pharmacy	General and Inorganic Chemistry Dept. of Inorganic and Analytical Chemistry	1710-f1-chon-l-j / 1755-F12-CHON-J	7	20				30		50	E
E Pharmacy Practice	Latin Centre for Specialised Languages in Medicine		2				15			15	Z O
E Pharmacy Practice	Foreign Language Centre for Specialised Languages in Medicine		2				40			40	Z
A Biomedical and Humanistic Basics of Pharmacy	Psychology Dept. of Clinical Neuropsychology	1700-F1-PSYCH-J / 1755-F12-PSYCH-J	1		15					15	Z O
A Biomedical and Humanistic Basics of Pharmacy	Sociology Laboratory for Social Medicine	1700-F1-SOCJ-J / 1755-F12-SOCJ-J	1		15					15	Z O
B Physiochemical Basics of Pharmacy	Statistics Dept. of Biostatistics and Biomedical Systems Theory	1703-F1-STAT-J / 1755-F12-STAT-J	4	12		23				35	E
E Pharmacy Practice	Introduction to Pharmacy Department of Pharmacy Practice	1700-PROPF-WF-l-j / 1755-F12-PROPF-J	2	14				9		23	Z O

Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

II semester

Physical Education	Physical Education CM Centre for Physical Education and Sport	1755-F12-WF-J / 1755-F12-WF-J	0		30					30	Z
Student's Choice	Elective Courses/ University-Wide Lectures		3	45						45	Z O
Total:			31	121	75	68	55	39	10	361	

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III semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Lektorat	S	Zaj. praktyczne		
B Physiochemical Basics of Pharmacy	Analytical Chemistry Dept. of Inorganic and Analytical Chemistry	1710-F2-CHAN-J / 1755-F2-CHAN-J	6	20	15	45				80	Z
B Physiochemical Basics of Pharmacy	Physical Chemistry Dept. of Physical Chemistry	1708-F2-CHFIZ-J / 1755-F2-CHFIZ-J	7	30	15	45				90	E
B Physiochemical Basics of Pharmacy	Organic Chemistry Dept. of Organic Chemistry	1711-F2-CHOR-J / 1755-F2-CHOR-J	7	20		56		19		95	Z
A Biomedical and Humanistic Basics of Pharmacy	Physiology Dept. of Human Physiology	1700-F2-FIZJ-J / 1755-F2-FIZJ-J	5	30		35				65	E
E Pharmacy Practice	History of Pharmacy Department of Perinatology, Gynaecology and Gynaecologic Oncology	1700-F2-HISTF-j / 1755-F2-HISTF-J	1	15						15	Z O
E Pharmacy Practice	Foreign Language Foreign Language Centre for Specialised Languages in Medicine		2				40			40	Z O
Student's Choice	Elective Courses/ University-Wide Lectures		2	30						30	Z O
Total:			30	145	30	181	40	19		415	

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Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

IV semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Lektorat	S	Zaj. praktyczne		
A Biomedical and Humanistic Basics of Pharmacy	Biochemistry Dept. of Clinical Biochemistry	1704-F2-BCHEML-J / 1755-F2-BCHEML-J	7	30		65				95	E
B Physiochemical Basics of Pharmacy	Analytical Chemistry Dept. of Inorganic and Analytical Chemistry	1710-F2-CHANL-J / 1755-F2-CHANL-J	6	20		45		15		80	E
B Physiochemical Basics of Pharmacy	Organic Chemistry Dept. of Organic Chemistry	1711-F2-CHORL-J / 1755-F2-CHORL-J	7	20		56		19		95	E
A Biomedical and Humanistic Basics of Pharmacy	Immunology Dept. of Immunology	1714-F2-IMMU-J / 1755-F2-IMMU-J	2	18		12				30	Z O
B Physiochemical Basics of Pharmacy	Information Technology Dept. of Biostatistics and Biomedical Systems Theory	1703-F2-TECHI-J / 1755-F2-TECHI-J	2			30				30	Z O
E Pharmacy Practice	Foreign Language Centre for Specialised Languages in Medicine		2				40			40	Z O
A Biomedical and Humanistic Basics of Pharmacy	Advanced First Aid Dept. of Emergency Medicine	1700-F2-KPMED-J / 1755-F2-KPMED-J	2	20		20				40	Z O
Student's Choice	Elective Courses/ University-Wide Lectures		2	30						30	Z O
Total:			30	138	0	228	40	34		440	

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Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

V semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Lektorat	S	Zaj. Praktyczne		
C Analysis, Synthesis and Technology of Drugs	Medicinal Chemistry Dept. of Medicinal Chemistry	1709-F3-CHLE-J	7	25	50	70				145	Z
C Analysis, Synthesis and Technology of Drugs	Pharmacognosy Dept. of Pharmaceutical Botany and Pharmacognosy	1713-F3-FKGN-J	3	30		30		15		75	Z
A Biomedical and Humanistic Basics of Pharmacy	Microbiology Dept. of Microbiology	1716-F3-MIKR-J	5	30		50				80	E
A Biomedical and Humanistic Basics of Pharmacy	Pathophysiology Dept. of Pathophysiology	1702-F3-PATO-J	5	30		40				70	E
C Analysis, Synthesis and Technology of Drugs	Drug Form Technology I Dept. of Drug Form Technology	1720-F3-TEPL-J	4	24		65			10	99	Z
E Pharmacy Practice	Foreign Language Centre for Specialised Languages in Medicine		4				30			30	E
Student's Choice	Elective Courses/ University-Wide Lectures		2	30						30	Z O
Total:			30	169	50	255	30	15	10	529	

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Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

VI semester

Groups of courses przedmiotów	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Praktyki	S	Zaj. Praktyczne		
C Analysis, Synthesis and Technology of drugs	Medicinal Chemistry Dept. of Medicinal Chemistry	1709-F3-CHLEL-J	7	30		75				105	E
C Analysis, Synthesis and Technology of Drugs	Pharmacognosy Dept. of Pharmaceutical Botany and Pharmacognosy	1713-F3-FKGNL-J	5	15		40		20		75	E
D Biopharmacy and Effects of Medicines	Pharmacokinetics Dept. of Biopharmacy	1705-F3-FKIN-J	3	10		25				35	Z O
D Biopharmacy and Effects of Medicines	Pharmacology and Pharmacodynamics I Dept. of Pharmacodynamics and Molecular Pharmacology	1724-F3-FARMF-L-J	3	30	15					45	Z O
G Work Placement	Work Placement in a Community Pharmacy Dept. of Drug Form Technology	1720-F3-PRAK-J	6				160			160	Z
C Analysis, Synthesis and Technology of Drugs	Drug Form Technology I Dept. of Drug Form Technology	1720-F3-TEPLL-J	5	11		60			10	81	E
Student's Choice	Elective Courses/ University-Wide Lectures		1	15						15	Z O
Total:			30	111	15	200	160	20	10	516	

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Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

VII semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Praktyki	S	Zaj. Praktyczne		
A Biomedical and Humanistic Basics of Pharmacy	Molecular Biology Dept. of Forensic Medicine	1700-F4-BMOL-J	3	10				20	30	E	
D Biopharmacy and Effects of Medicines	Drugs of Natural Origin Dept. of Pharmaceutical Botany and Pharmacognosy	1713-F4-LPN-J	2	10				20	30	Z O	
D Biopharmacy and Effects of Medicines	Pharmacology and Pharmacodynamics II Dept. of Pharmacodynamics and Molecular Pharmacology	1724-F4-FARMF-J	5	45	15	30			90	Z	
C Analysis, Synthesis and Technology of Drugs	Synthesis and Technology of Medicinal Agents Dept. of Chemical Technology of Pharmaceuticals	1719-F4-SITS-J	6	30		48		12	90	E	
C Analysis, Synthesis and Technology of Drugs	Drug Form Technology II Dept. of Drug Form Technology	1720-F4-TEPL-J	4	35					35	Z	
D Biopharmacy and Effects of Medicines	Toxicology Dept. of Toxicology and Bromatology	1700-F4-TOKS-J	5	35		55			90	E	
Student's Choice	Elective Courses/ University-Wide Lectures		3	45					45	Z O	
Total:			28	210	15	133		52	410		

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Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

VIII semestr

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Praktyki	S	Zaj. Praktyczne		
E Pharmacy Practice	Clinical Pharmacy Dept. of Cardiology and Clinical Pharmacology	1700-FARKL-F4-J	3	20				15	6	41	Z O
C Analysis, Synthesis and Technology of Drugs	Pharmaceutical Biotechnology Dept. of Pharmacodynamics and Molecular Pharmacology	1724-F4-BFAR-J	2	18		12				30	Z O
E Pharmacy Practice	Pharmacoeconomics Dept. of Pharmacy Practice	1720-f4-FAREKO-J	3	26	15					41	E
D Biopharmacy and Effects of Medicines	Pharmacology and Pharmacodynamics II Dept. of Pharmacodynamics and Molecular Pharmacology	1724-F4-FARMFL-J	6	50		45				95	E
D Biopharmacy and Effects of Medicines	Bromatology Dept. of Toxicology and Bromatology	1707-F4-BROM-J	5	30		45				75	E
G Work Placement	Work Placement in Hospital Pharmacy and Pharmaceutical Industry Dept. of Drug Form Technology	1720-F4-PRAK-J	6				160			160	Z
C Analysis, Synthesis and Technology of Drugs	Drug Form Technology II* Dept. of Drug Form Technology	1720-F4-TEPL-L-J	5			45			25	70	Z O
Student's Choice	Elective Courses/ University-Wide Lectures		2	30						30	Z O
Total:			32	174	15	147	160	15	31	542	

¹ZO – credit with a grade, Z – credit, E – examination

Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

IX semester

Groups of courses	Course	Course code in USOS	No. of ECTS points							General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Total Ćw. + Lab. + Zaj. Prakt.	S	Zaj. Praktyczne		
D Biopharmacy and Effects of Medicines	Biopharmacy Dept. of Biopharmacy	1705-F5-BIOF-J	3	15		45				60	ZO
F Scientific Research Methodology and Master Thesis Seminar	Specialist Tutorials and Research Methodology	1700-F5-CSMB-J	4				100			100	Z
E Pharmacy Practice	Professional Ethics Laboratory for Social Medicine	1700-F5-ETYKA-J	2	25	10					35	ZO
E Pharmacy Practice	Pharmacy Practice Dept. of Pharmacy Practice	1720-F5-FARMP-J	4	0		48		21	4	73	ZO
E Pharmacy Practice	Pharmacotherapy and Drug Information Dept. of Pharmacodynamics and Molecular Pharmacology	1724-F5-FARINL-J	4	20	30	25			6	81	E
E Pharmacy Practice	Pharmacoepidemiology Dept. of Nutrition and Dietetics	1700-F5-FARME-J	2	20	20					40	E
E Pharmacy Practice	Pharmaceutical Care Dept. of Pharmacy Practice	1720-F5-OPF-J	2	4		35				39	ZO
E Pharmacy Practice	Pharmaceutical Law Dept. of Drug Form Technology	1715-F5-PRFA-J	3	26	24					50	E
F Scientific Research Methodology and Master's Thesis Seminar	Master's Thesis Seminar		2					30		30	Z
C Analysis, Synthesis and Technology of Drugs	Drug Form Technology III Dept. of Drug Form Technology	1720-F5-TEPL-J	3	15		30				45	E
Student's Choice	Elective Courses/ University-Wide Lectures		1	15						15	ZO
Total:			30	140	84	183	100	51	6	568	

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Ćw. – tutorials

Lab. – laboratories

S – seminars

Lektorat – Foreign Language Class

Zaj. Terenowe/Praktyczne – Field/Practical Classes

X semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Total of: Ćw. + Lab. + Zaj. Prakt.	S	Sem. magisterskie		
F Methodology of Scientific Research and Master's Thesis Seminar	Specialist Tutorials and Research Methodology (including 20 ECTS points for master's thesis)	1700-F5-CWSP-L-J	25				275			275	Z O
F Methodology of Scientific Research and Master's Thesis Seminar	Master's Thesis Seminar		5						30	30	Z O
Total:			30				275		30	305	

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XI semester

Groups of courses	Course	Course code in USOS	ECTS points number	No. of teaching hours involving direct participation of teacher or other instructor - per form of classes						General number of hours	Form of credit ¹
				W	Ćw.	Lab.	Total Ćw. + Lab.	S	Praktyka		
G Work Placements	6-month Work Placement in a Pharmacy Dept. of Drug Form Technology	1720-F6-PRAK-J	60						960	960	Z
Total:			60						960	960	

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Plan of Study is in force from the 1st semester of the academic year 2025/2026

Dean of the Faculty of Pharmacy
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dr hab. Marek Foksiński, prof. UMK