Table 1. Semesters and year of studies timetables – Pharmacy (2026)

Integrated academic studies • accreditation 2026 • 300 ECTS

No.	Code	Course title	Sem.	L	E	R	Oth	ECTS
FIRST YEAR								
1	2FO1BG	Biology and Human Genetics	I	45	30			5
2	2FO1F1	Physiology with basics of anatomy for pharmacists 1	I	30	30			3
3	2FO1NH	General and Inorganic Chemistry	I	60	30			6
4	2FO1O1	Organic Chemistry 1	I	60	30			6
5	2FO1FI	Physics	I	30	15			3
6	2FO1MA	Mathematics	I	15	30			4
7		Elective block 1 (choose one course)	I	15	15			3
		Total number in the first semester		**255**	**180**			**30**
8	2FO1UF	Introduction to Pharmacy	II	15				1
9	2FO1OB	General Biochemistry	II	45	15			5
10	2FO1F2	Physiology with basics of anatomy for pharmacists 2	II	45	30			5
11	2FO1O2	Organic Chemistry 2	II	60	30			7
12	2FO1FH	Physical Chemistry	II	45	15			5
13	2FO1A1	Analytical Chemistry 1	II	30	30			4
14		Elective block 2 (choose one course)	II	15	15			3
		Total number in the second semester		**255**	**135**			**30**
		Total number in the first year		**510**	**315**			**60**
SECOND YEAR								
15	2FO2F3	Physiology with basics of anatomy for pharmacists 3	III	60	15			5
16	2FO2IM	Immunology	III	45	15			5
17	2FO2A2	Analytical Chemistry 2	III	45	45			6
18	2FO2IN	Instrumental Methods	III	45	45			6
19	2FO2F1	Pharmaceutical Chemistry 1	III	45	30			6
		Total number in the third semester		**240**	**150**			**28**
20	2FO2PA	Pathophysiology	IV	60	45			7
21	2FO2F2	Pharmaceutical Chemistry 2	IV	45	60			7
22	2FO2BO	Botany	IV	45	45			7
23	2FO2MK	Microbiology	IV	60	30			7
24		Elective block 3 (choose one course)	IV	30	15			4
		Total number in the fourth semester		**240**	**195**			**32**
		Total number in the second year		**480**	**345**			**60**

No.	Code	Course title	Sem.	L	E	R	Oth	ECTS
THIRD YEAR								
25	2FO3ST	Statistics in Pharmacy	V	30	15			3
26	2FO3R1	Pharmacology 1	V	60	30			7
27	2FO3F3	Pharmaceutical Chemistry 3	V	60	60			9
28	2FO3G1	Pharmacognosy 1	V	30	30			4
29	2FO3BR	Bromatology	V	45	30			5
		Total number in the fifth semester		**225**	**165**			**28**
30	2FO3R2	Pharmacology 2	VI	60	15			6
31	2FO3T1	Pharmaceutical Technology 1	VI	45	90			9
32	2FO3G2	Pharmacognosy 2	VI	45	30			6
33	2FO3MB	Medical Biochemistry	VI	60	45			7
34		Elective block 4 (choose one course)	VI	30	15			4
		Total number in the sixth semester		**240**	**195**			**32**
		Total number in the third year		**465**	**360**			**60**
FOURTH YEAR								
35	2FO4FT	Pharmacotherapy	VII	30	30			5
36	2FO4KG	Pharmacokinetics with pharmacogenomics	VII	45	45			7
37	2FO4T2	Pharmaceutical Technology 2	VII	45	60			7
38	2FO4FI	Phytotherapy	VII	30	30			4
39	2FO4KO	Cosmetology	VII	30	30			4
		Total number in the seventh semester		**180**	**195**			**27**
40	2FO4FT	Pharmacotherapy	VIII	30	30			4
41	2FO4DI	Dietetics	VIII	30	30			4
42	2FO4T3	Pharmaceutical Technology 3	VIII	45	60			7
43	2FO4TA	Toxicology with analytics	VIII	60	45			8
44	2FO4SF	Social Pharmacy	VIII	45	45			6
45		Elective block 5 (choose one course)	VIII	30	15			4
		Total number in the eighth semester		**240**	**225**			**33**
		Total number in the fourth year		**420**	**420**			**60**
FIFTH YEAR								
46	2FO5KF	Clinical Pharmacy	IX	45	60			7
47	2FO5IF	Industrial Pharmacy	IX	45	45			5
48	2FO5EZ	Pharmacy Ethics and Law	IX	30	15			3
49	2FO5AL	Drug Analysis	IX	60	60			7
50		Elective block 6 (choose one course)	IX	30	15			4

No.	Code	Course title	Sem.	L	E	R	Oth	ECTS
51	2FO5SO	Professional training	IX	15	30		195	2
52	2FO5ZR	Final Thesis	IX			45		6
		Total number in the ninth semester		**225**	**225**	**45**	**195**	**34**
53	2FO5SO	Professional training	X				960	16
54	2FO5ZI	Final Thesis - Preparation and Defense	X				45	10
		Total number in the tenth semester					**1005**	**26**
		Total number in the fifth year		**225**	**225**	**45**	**1200**	**60**

Legend: L – lectures; E – practical / other organised teaching; R – research or project work; Oth – other classes, including professional training and individual work. Empty cells indicate no classes in that category.

Table 2. The list of elective courses – Pharmacy (2026)

Six elective blocks • one course selected from each block • 22 ECTS in total

No.	Code	Course title	Sem.	L	E	ECTS
Elective block 1 (choose 1 of 5 courses) • I semester						
1	2FI1PI	Application of informatics methods in pharmacy	I	15	15	3
2	2FI1UL	Introduction to laboratory work	I	15	15	3
3	2FI1BR	Safe handling of chemicals and waste in pharmacy	I and II	15	15	3
4	2FI1KD	How to bring medicinal product to market	I	15	15	3
5	2FI1PP	First aid	I and II	15	15	3
Elective block 2 (choose 1 of 5 courses) • II semester						
1	2FI1OF	Selected topics in Physiology	II	15	15	3
2	2FI1VI	Artificial intelligence and applications in pharmacy	II	15	15	3
3	2FI1PR	Professional development for pharmacists	II	15	15	3
4	2FI1BP	Biochemistry of specific physiological conditions and diseases	II	15	15	3
5	2FI1OM	Basics of medical genetics	II	15	15	3
Elective block 3 (choose 1 of 8 courses) • IV semester						
1	2FI2KO	Colloid Chemistry	IV	30	15	4
2	2FI2BE	Bioelements	IV	30	15	4
3	2FI2KF	Communication in Pharmacy	IV and VI	30	15	4
4	2FI2MO	Mechanisms of organic reactions in biological processes	IV	30	15	4
5	2FI2OG	Basics of genomics	IV	30	15	4
6	2FI2IM	Industrial microbiology	IV	30	15	4
7	2FI2HS	Chemical stability of active pharmaceutical substances	IV	30	15	4
8	2FI2AZ	Analysis of real samples with the Green chemistry module	IV	30	15	4
Elective block 4 (choose 1 of 12 courses) • VI semester						
1	2FI3AB	Analysis of herbal drugs and preparations	VI	30	15	4
2	2FI3JZ	Public health in pharmacy	VI	30	15	4
3	2FI3CE	Circular economy in pharmacy	VI	30	15	4
4	2FI3BF	Biodiversity and pharmacy	VI	30	15	4
5	2FI3SF	Sports pharmacy	VI	30	15	4
6	2FI3PI	Applied immunology: prophylaxis, diagnosis and therapy of diseases	VI	30	15	4
7	2FI3SP	Advanced approaches in RNA research and clinical application	VI	30	15	4
8	2FI3PF	Applied pathophysiology in modern pharmaceutical practice	VI	30	15	4
9	2FI3IM	Instrumental methods of biophotonics in pharmacy	VI	30	15	4

No.	Code	Course title	Sem.	L	E	ECTS
10	2FI3PO	Principles of Sustainable Nutrition	VI	30	15	4
11	2FI3KS	Contrast agents and radiopharmaceuticals	VI	30	15	4
12	2FI3HL	Medicinal chemistry in modern therapy of malignant, endocrine and rare diseases	VI	30	15	4
Elective block 5 (choose 1 of 14 courses) • VIII semester						
1	2FI4RS	Rational self-medication	VIII	30	15	4
2	2FI4IO	Interpretation of basic biochemical and hematological parameters	VIII	30	15	4
3	2FI4FM	Pharmaceutical marketing with Pharmacoepidemiology	VIII	30	15	4
4	2FI4MD	Targets of biologic drugs action in immune-mediated diseases	VIII	30	15	4
5	2FI4MS	Medical devices	VIII	30	15	4
6	2FI4MR	Drug metabolism: from development to clinical use	VIII	30	15	4
7	2FI4SZ	Addictive substances	VIII	30	15	4
8	2FI4PK	Natural products in complementary treatment methods	VIII	30	15	4
9	2FI4DS	Drug design and synthesis	VIII	30	15	4
10	2FI4BZ	Biochemical aspects of reproductive health	VIII	30	15	4
11	2FI4LV	Multitarget Directed Ligands - Innovative approaches in medicinal chemistry	VIII	30	15	4
12	2FI4VL	Veterinary medicines	VIII	30	15	4
13	2FI4BS	Biological and biosimilar medicinal products	VIII	30	15	4
14	2FI4KF	Clinical pharmacokinetics	VIII	30	15	4
Elective block 6 (choose 1 of 15 courses) • IX semester						
1	2FI5SF	Novel dosage forms	IX	30	15	4
2	2FI5KI	Clinical Trials and Pharmacovigilance	IX	30	15	4
3	2FI5FL	Dosage forms for paediatric population	IX	30	15	4
4	2FI5FP	Pharmacotherapy in paediatrics	IX	30	15	4
5	2FI5FR	Pharmaceutical regulative in drug control	IX	30	15	4
6	2FI5NF	Nutraceuticals in pharmacy	IX	30	15	4
7	2FI5TL	Acute Drug Poisoning	IX	30	15	4
8	2FI5OR	Sustainable solutions for the method development in drug control	IX	30	15	4
9	2FI5HK	Chemical Carcinogens	IX	30	15	4
10	2FI5EO	Ecotoxicology, sustainable development and planetary health	IX	30	15	4
11	2FI5FS	Pharmaceutical supply chain with Pharmacoeconomics	IX	30	15	4
12	2FI5IO	Interprofessional Education	IX	30	15	4
13	2FI5TR	Toxicological risk assessment in pharmacy	IX	30	15	4
14	2FI5FO	Pharmacotherapy in oncology	IX	30	15	4
15	2FI5IT	Toxicity testing in drug development	IX	30	15	4