

Table 5.1. Semesters and year of studies timetables - Pharmacy

	Code	Course title	Sem.	L	E	R	Oth	ECTS
FIRST YEAR								
1	F107	Introduction to Pharmacy	I	15	0			1
2	F101	Biology and Human Genetics	I	45	30			5
3	F102	Human Morphology	I	45	30			5
4	F103	General and Inorganic Chemistry	I	60	30			6
5	F106	Organic Chemistry 1	I	60	30			6
6	F104	Physics	I	30	15			3
7	F105	Mathematics	I	30	30			4
Total number in the first semester				285	165			30
8	F1013	Statistics in Pharmacy	II	30	15			3
9	F1012	General Biochemistry	II	45	15			5
10	F108	Pharmaceutical Physiology 1	II	45	30			5
11	F1010	Organic Chemistry 2	II	60	30			7
12	F1011	Physical Chemistry	II	45	15			5
13	F109	Analytical Chemistry 1	II	30	30			4
14	FSOF1	Introduction to Professional Training	II				200	1
Total number in the second semester				255	135		200	30
Total number in the first year				540	300		200	60
SECOND YEAR								
15	F201	Pharmaceutical Physiology 2	III	45	15			5
16	F204	Immunology	III	40	20			5
17	F202	Analytical Chemistry 2	III	45	45			7
18	F203	Instrumental Methods	III	45	45			7
19	F205	Pharmaceutical Chemistry 1	III	45	30			6
Total number in the third semester				220	155			30
20	F207	Pathophysiology 1	IV	30	30			5
21	F206	Pharmaceutical chemistry 2	IV	45	60			8
22	F208	Botany	IV	45	45			7
23	F209	Microbiology	IV	60	30			7
24		Elective block 1	IV	30	15			3
Total number in the fourth semester				210	180			30
Total number in the second year				430	335			60
THIRD YEAR								
25	F301	Pathophysiology 2	V	30	30			5
26	F302	Pharmacology 1	V	60	27			6
27	F304	Pharmaceutical Chemistry 3	V	60	60			9
28	F305	Pharmacognosy	V	30	30			4
29	F303	Bromatology	V	45	30			5
Total number in the fifth semester				225	177			29
30	F306	Pharmacology 2	VI	60	27			6

	Code	Course title	Sem.	L	E	R	Oth	ECTS
31	F308	Pharmaceutical Technology 1	VI	45	90			9
32	F305	Pharmacognosy	VI	45	30			6
33	F309	Medical Biochemistry	VI	60	45			7
34		Elective block 2	VI	30	15			3
Total number in the sixth semester				240	207			31
Total number in the third year				465	384			60
FOURTH YEAR								
35	F403	Pharmacotherapy	VII	26	30			5
36	F401	Pharmacokinetics	VII	45	45			7
37	F404	Pharmaceutical Technology 2	VII	50	55			7
38	F405	Phytotherapy	VII	30	30			4
39	F402	Toxicology	VII	60	45			8
Total number in the seventh semester				211	205			31
40	F403	Pharmacotherapy	VIII	25	30			4
41	F407	Dietetics	VIII	30	30			4
42	F406	Pharmaceutical Technology 3	VIII	45	60			7
43	F408	Cosmetology	VIII	30	30			4
44	F409	Pharmaceutical Practice	VIII	30	30			4
45	F4010	Basics of Pharmaceutical Management	VIII	15	15			2
46		Elective block 3	VIII	30	15			3
47	FSOF2	Professional Training I	VIII				200	1
Total number in the eighth semester				205	210		200	29
Total number in the fourth year				416	415		200	60
FIFTH YEAR								
48	F501	Clinical Pharmacy	IX	45	60			7
49	F502	Industrial Pharmacy	IX	45	45			6
50	F504	Pharmaceutical Ethics and Legislation	IX	30	15			3
51	F503	Drug Analysis	IX	60	60			8
52		Elective block 4	IX	30	15			3
53		Elective block 5	IX	30	15			3
Total number in the ninth semester				240	210			30
54	FSOF3	Professional Training II	X	15		30	660	15
55	FZR	Final Work	X					15
Total number in the tenth semester				15		30	660	30
Total number in the fifth year				255	210	30	660	60

Table 5.3 The list of elective courses

	Code	Course title	Sem.	L	E	ECTS
Elective block 1 (1/8)						
1	F1I1	Application of Information Technology in Pharmacy	IV	10	35	3
2	F1I2	Foreign Language in Professional Communication of Pharmacists	IV	20	25	3
3	F1I3	Colloid chemistry	IV	30	15	3
4	F1I4	Integration of metabolic pathways	IV	25	20	3
5	F1I5	Chemistry of Bioelements	IV	30	15	3
6	F1I6	Selected topics in Physiology	IV	30	15	3
7	F1I7	Basics of Molecular Genetics	IV	30	15	3
8	F1I8	Analytical Reagents	IV	30	15	3
Elective block 2 (1/8)						
1	F2I1	Selected Topics in Pathophysiology	VI	23	22	3
2	F2I2	Selected Topics in Pharmaceutical Chemistry	VI	45	0	3
3	F2I3	Selected Topics in Microbiology	VI	30	15	3
4	F2I4	Medicinal plants and the environment	VI	30	15	3
5	F2I5	Analysis of food and dietary products	VI	0	45	3
6	F2I6	Analysis of herbal drugs and preparations	VI	15	30	3
7	F2I7	Selected Chapters of Analytical Chemistry with Module of Green Chemistry	VI	30	15	3
8	F2I8	Foreign Language in Academic and Professional Use	VI	20	25	3
Elective block 3 (1/8)						
1	F3I1	Public health in pharmaceutical practice	VIII	30	15	3
2	F3I2	Pharmaceutical Marketing	VIII	30	15	3
3	F3I3	Sport pharmacy	VIII	30	15	3
4	F3I4	Medical devices	VIII	30	15	3
5	F3I5	Communication in Pharmacy Practice	VIII	10	35	3
6	F3I6	Drug metabolism	VIII	30	15	3
7	F3I7	Acute Drug Poisoning	VIII	30	15	3
8	F3I8	Laboratory Diagnosis of Metabolic Disorders	VIII	30	15	3
Elective block 4 (1/9)						
1	F4I1	Novel Drug Delivery Systems	IX	30	15	3
2	F4I2	Dosage forms for paediatric population	IX	30	15	3
3	F4I3	Pharmacoepidemiology and pharmacoconomics	IX	30	15	3
4	F4I4	Pharmaceutical regulative in drug control	IX	30	15	3
5	F4I5	Substances of abuse	IX	30	15	3
6	F4I6	Experimental design in drug analysis	IX	30	15	3
7	F4I7	Selected chapters of clinical pharmacokinetics	IX	30	15	3
8	F4I8	Chemical carcinogens	IX	30	15	3
9	F4I9	Ecotoxicology	IX	30	15	3
Elective block 5 (1/8)						

	Code	Course title	Sem.	L	E	ECTS
1	F5I1	Fundamentals of pharmaceutical biotechnology	IX	30	15	3
2	F5I2	Veterinary medicines	IX	30	15	3
3	F5I3	Pharmaceutical care services	IX	30	15	3
4	F5I4	Pharmaceutical Supply Chain Management	IX	15	30	3
5	F5I5	Interprofessional education	IX	15	30	3
6	F5I6	Human Health Risk Assessment	IX	30	15	3
7	F5I7	Drug Design and Synthesis	IX	30	15	3
8	F5I8	Pharmacotherapy in pediatrics	IX	30	15	3