

**Table 5.4.** List of subjects in the study program by subject type

Subject distribution by subject type	
Academic and general education	9.67%
Theoretical and methodological	19.67%
Scientific-professional	33.67%
Professional-applied	37.00%

Academic and general education	9.67%
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Order	Course code	Course title	Sem	L	P	OAC	Other	ECTS
1.	19.AE002	Pharmaceutical biology with genetics	1	2	2	0		6
2.	19.AE008	Statistics in pharmacy	2	2	2	1		6
3.	19.BE002	Pharmaceutical technology 1	3	2	2	0		7
4.	19.EB103	Processing of measurement results	4	2	1	1		5
5.	19.EB202	Nutritional supplements	6	1	1	1		5
6.	19.EB203	Research in basic pharmaceutical science	6	1	1	1		5
7.	19.EB303	Drug addiction and drug abuse	8	2	1	1		5
Total ECTS								39

Theoretical and methodological	19.67%
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Order	Course code	Course title	Sem	L	P	OAC	Other	ECTS
1.	19.AE001	General and inorganic chemistry	1	4	2	0		9
2.	19.AE003	Fundamentals of human morphology	1	2	2	0		6
3.	19.AE006	Introduction to pharmaceutical technology	2	2	3	0		9
4.	19.AE007	Fundamentals of human physiology	2	4	2	0		6
5.	19.BE001	Fundamentals of human biochemistry	3	2	2	0		5
6.	19.BE004	Fundamentals of pathological human physiology	3	2	2	0		4

7.	19.BE006	Methods of instrumental analysis	4	2	2	0		5
8.	19.BE007	Pharmaceutical communication skills	4	1	2	0		4
9.	19.EB201	Pharmaceutical ethics with international regulative	6	1	1	1		5
10.	19.DE007	Social pharmacy	8	3	1	0		6
11.	19.EB301	Sports pharmacy	8	2	1	1		5
Total ECTS								64

Scientific-professional	<b>33.67%</b>
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Order	Course code	Course title	Sem	L	P	OAC	Other	ECTS
1.	19.BE003	Pharmaceutical microbiology	3	2	2	0		6
2.	19.BE005	Medical chemistry 1	3	2	2	0		7
3.	19.BE008	Pharmacology 1	4	2	2	0		6
4.	19.BE009	Pharmaceutical chemistry 1	4	2	2	1		6
5.	19.EB102	Fundamentals of physical chemistry	4	2	1	1		5
6.	19.EB104	Medical biochemistry	4	2	1	1		5
7.	19.CE001	Pharmacology 2	5	2	1	0		6
8.	19.CE002	Immunology	5	2	1	1		4
9.	19.CE003	Pharmaceutical chemistry 2	5	3	2	0		6
10.	19.CE004	Bromatology	5	2	1	0		4
11.	19.CE007	Toxicology	6	2	1	0		5
12.	19.CE010	Clinical propaedeutics for pharmacists	6	2	1	0		4
13.	19.DE003	Industrial pharmacy with cosmetology	7	2	2	0		7
14.	19.DE004	Biopharmacy	7	2	2	0		5
15.	19.DE005	Treatment of infective diseases	7	2	1	1		6
16.	19.DE008	Clinical pharmacy 2	8	2	1	0		7
17.	19.EB302	Immunization and vaccination	8	2	1	1		5
18.	19.EB304	Research in clinical pharmacology	8	2	1	1		5
19.	19.GE001	Clinical pharmacy 3	9	2	2	0		6
20.	19.GE009	Applied pharmaceutical biotechnology	9	2	1	1		6
Total ECTS								111

Professional-applied

37.00%

Order	Course code	Course title	Sem	L	P	OAC	Other	ECTS
1.	19.AE004	Analytical chemistry	1	4	2	0		9
2.	19.AE005	Organic chemistry	2	4	2	0		9
3.	19.EB101	Introduction to pharmaceutical practice	4	2	1	1		5
4.	19.CE005	Medicinal chemistry 2	5	2	2	0		5
5.	19.CE006	Pharmacognosy	5	2	2	0		5
6.	19.CE008	Dispensing drugs in practice	6	2	1	0		5
7.	19.CE009	Pharmaceutical technology 2	6	3	2	0		6
8.	19.EB204	Radiopharmacy	6	1	1	1		5
9.	19.DE001	Clinical pharmacy 1	7	3	1	0		7
10.	19.DE002	Phytotherapy	7	3	1	0		6
11.	19.DE006	Pharmaceutical biotechnology	8	3	2	0		6
12.	19.GE002	Pharmacovigilance	9	2	1	1		6
13.	19.GE003	Pharmacoepidemiology	9	2	1	1		6
14.	19.GE004	Pharmacokinetics	9	2	1	1		6
15.	19.GE005	Professional student practice	10	0	0	0	30	15
16.	19.GE007	Final work-research	10	0	0	20		5
17.	19.GE008	Final work-design and defense	10	0	0	0	10	10
							Total ECTS	116