

Table 5.1v. Course schedule by semesters and years of study for integrated studies

No	Course code	Course title	Sem.	Active classes				Other.	ECTS	Course electivity	Course type
				L	P	OAC	SRW				
FIRST YEAR											
1.	19.AE001	General and inorganic chemistry	1	4	2	0			9	M	TM
2.	19.AE002	Pharmaceutical biology with genetics	1	2	2	0			6	M	AG
3.	19.AE003	Fundamentals of human morphology	1	2	2	0			6	M	TM
4.	19.AE004	Analytical chemistry	1	4	2	0			9	M	PA
5.	19.AE005	Organic chemistry	2	4	2	0			9	M	PA
6.	19.AE006	Introduction to pharmaceutical technology	2	2	3	0			9	M	TM
7.	19.AE007	Fundamentals of human physiology	2	4	2	0			6	M	TM
8.	19.AE008	Statistics in pharmacy	2	2	2	1			6	M	AG
Total classes (Lectures, Practice, OAC and other classes) and ECTS on year				24	17	1			60		
Total classes of active teaching on year				630					60		
SECOND YEAR											
1.	19.BE001	Fundamentals of human biochemistry	3	2	2	0			5	M	TM
2.	19.BE002	Pharmaceutical technology 1	3	2	2	0			7	M	AG
3.	19.BE003	Pharmaceutical microbiology	3	2	2	0			6	M	SP
4.	19.BE004	Fundamentals of pathological human physiology	3	2	2	0			4	M	TM
5.	19.BE005	Medical chemistry 1	3	2	2	0			7	M	SP
6.	19.BE006	Methods of instrumental analysis	4	2	2	0			5	M	TM
7.	19.BE007	Pharmaceutical communication skills	4	1	2	0			4	M	TM
8.	19.BE008	Pharmacology 1	4	2	2	0			6	M	SP
9.	19.BE009	Pharmaceutical chemistry 1	4	2	2	1			6	M	SP
		Elective block 1 (2/4)									
10. 11	19.EB101	Introduction to pharmaceutical practice	4	2	1	1			5	E	PA
	19.EB102	Fundamentals of physical chemistry	4	2	1	1			5	E	SP
	19.EB103	Processing of measurement results	4	2	1	1			5	E	AG
	19.EB104	Medical biochemistry	4	2	1	1			5	E	SP
Total classes (Lectures, Practice, OAC and other classes) and ECTS on year				21	20	3			60		
Total classes of active teaching on year				660					60		
THIRD YEAR											
1.	19.CE001	Pharmacology 2	5	2	1	0			6	M	SP

2.	19.CE002	Immunology	5	2	1	1			4	M	SP
3.	19.CE003	Pharmaceutical chemistry 2	5	3	2	0			6	M	SP
4.	19.CE004	Bromatology	5	2	1	0			4	M	SP
5.	19.CE005	Medicinal chemistry 2	5	2	2	0			5	M	PA
6.	19.CE006	Pharmacognosy	5	2	2	0			5	M	PA
7.	19.CE007	Toxicology	6	2	1	0			5	M	SP
8.	19.CE008	Dispensing drugs in practice	6	2	1	0			5	M	PA
9.	19.CE009	Pharmaceutical technology 2	6	3	2	0			6	M	PA
10.	19.CE010	Clinical propaedeutics for pharmacists	6	2	1	0			4	M	SP
		Elective block 2 (2/4)									
11.	19.EB201	Pharmaceutical ethics with international regulative	6	1	1	1			5	E	TM
	19.EB202	Nutritional supplements	6	1	1	1			5	E	AG
12.	19.EB203	Research in basic pharmaceutical science	6	1	1	1			5	E	AG
	19.EB204	Radiopharmacy	6	1	1	1			5	E	PA
Total classes (Lectures, Practice, OAC and other classes) and ECTS on year				24	16	3			60		
Total classes of active teaching on year				645							
FOURTH YEAR											
1.	19.DE001	Clinical pharmacy 1	7	3	1	0			7	M	PA
2.	19.DE002	Phytotherapy	7	3	1	0			6	M	PA
3.	19.DE003	Industrial pharmacy with cosmetology	7	2	2	0			7	M	SP
4.	19.DE004	Biopharmacy	7	2	2	0			5	M	SP
5.	19.DE005	Treatment of infective diseases	7	2	1	1			6	M	SP
6.	19.DE006	Pharmaceutical biotechnology	8	3	2	0			6	M	PA
7.	19.DE007	Social pharmacy	8	3	1	0			6	M	TM
8.	19.DE008	Clinical pharmacy 2	8	2	1	0			7	M	SP
		Elective block 3 (2/4)									
9.	19.EB301	Sports pharmacy	8	2	1	1			5	E	TM
	19.EB302	Immunization and vaccination	8	2	1	1			5	E	SP
10.	19.EB303	Drug addiction and drug abuse	8	2	1	1			5	E	AG
	19.EB304	Research in clinical pharmacology	8	2	1	1			5	E	SP
Total classes (Lectures, Practice, OAC and other classes) and ECTS on year				24	13	3			60		
Total classes of active teaching on year				600							
FIFTH YEAR											
1.	19.GE001	Clinical pharmacy 3	9	2	2	0	0		6	M	SP

2.	19.GE002	Pharmacovigilance	9	2	1	1	0		6	M	PA
3.	19.GE003	Pharmacoepidemiology	9	2	1	1	0		6	M	PA
4.	19.GE004	Pharmacokinetics	9	2	1	1	0		6	M	PA
5.	19.GE009	Applied pharmaceutical biotechnology	9	2	1	1	0		6	M	SP
6.	19.GE005	Professional student practice	10	0	0	0	0	30	15	M	PA
7.	19.GE007	Final work-research	10	0	0	0	20		5	M	PA
8.	19.GE008	Final work-design and defense	10	0	0	0	0	10	10	M	PA
Total classes (Lectures, Practice, OAC and other classes) and ECTS on year				10	6	4	20	40	60		
Total active classes on year				600					60		
Total classes of active teaching on year, other classes and ECTS on all study years				3135				600	300		
Sem – Semester; L – Lectures; P – Practice; OAC – Other active classes; SRW – Study research work; AG – academic-general education; TM – theoretical-methodological; SP – scientific-professional; PA – professional-applied; M – Mandatory; E – Elective											