Drug Analysis

Code		Course title	Semester	Course status	Active classes				ECTS
					Weekly		Semesterly		
					L	R	L	R	
First Year									
1	Д1О31	Methodology of scientific research	I	MC	2	2	30	30	5
2	Д1О32	Statistics in research	I	MC	2	2	30	30	5
3	Д1О33	Seminar 1	I	MC	2	4	30	60	5
4	ДАЛ1ОМ1	Principles of Modern Pharmaceutical Analysis	I	MM	4	4	60	60	10
5	ДАЛ1ОМ2	Chemometrics in Drug Analysis	I	MM	2	2	30	30	5
6	Д1О34	Seminar 2	II	MC	2	4	30	60	5
7	ДАЛ1ОМ3	Separation Methods in Drug Analysis	II	MM	4	4	60	60	10
8 9	Elective Block 1-2								
	ДАЛ1И1	Multivariate Analysis in Drug Analysis	II	E	4	4	60	60	10
	ДАЛ1И2	Quantitative Structure–Retention Relationships							
	ДАЛ1И3	Biological Material for Biopharmaceutical Testing							
	ДАЛ1И4	Chiral Drug Analysis							
	ДАЛ1И5	Conducting Research in the Analysis of Medical Devices							
	ДАЛ1И6	Spectroscopic Methods in Drug Analysis							
	ДАЛ1И7	Thermal Analysis Methods in Drug Analysis							
10		Research	II						5
Total in first year:					**22**	**26**	**330**	**390**	**60**
Second Year									
11	Д2О31	Seminar 3	III	MC	2	4	30	60	5
12	ДАЛ2ОМ1	Method Development Strategy for Drug Analysis	III	MM	2	2	30	30	5
13 14	Elective Block 3-4								
	ДАЛ2И1	Arificial Neural Networks	III	E	4	4	60	60	10
	ДАЛ2И2	Evolutionary Algorithms in Drug Analysis							
	ДАЛ2И3	Proteomic, Metabolomic and (Pharmaco)metabonomic Analysis							
	ДАЛ2И4	Pharmacological Profile of the Drug							
	ДАЛ2И5	Advanced Pharmaceutical Dosage Forms							
	ДАЛ2И6	Biological Drug Analysis							
	ДАЛ2И7	Drug analysis in Pharmacokinetics Investigation							

15		Research	III						10
16	Д2О32	Seminar 4	IV	MC	2	4	30	60	5
17		Defense of doctoral dissertation theme proposal	IV	M	0	15	0	225	10
18		Research	IV						15
Total in second year:					**10**	**29**	**150**	**435**	**60**
Third Year									
19		Research work	V		0	20	0	300	5
20		Research	V						25
21		Research work	VI		0	20	0	300	5
22		Research	VI						25
Total in third year:					**0**	**40**	**0**	**600**	**60**

Active classes: L-Lectures, R-Research work.