

Description of degree programme				
Title of degree programme		National code		
Pharmacy		08B		
Language of instructions		Mode of study and length		
Lithuanian/English		5 years		
ECTS credits length		Student's workload		
300		-		
Contact work hours		Independent work hours		
-		-		
Study area		Degree and qualification awarded		
Pharmacy		Master in pharmacy, pharmacist qualification		
Programme director		Contacts		
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Purpose of the programme				
To train high quality pharmacy professionals by organizing and providing modern university level studies in pharmacy, relevant scientific research and delivering efficient practical training				
Course structured diagram with credits				
Subject	ECTS credits	Student's workload	Contact work hours	Independent work hours
1st year	60	1500	1200	300
1st semester	30	750	600	150
General and inorganic chemistry	6	150	120	30
Basics of human Anatomy	3	75	60	15
Pharmaceutical botany	3	75	60	15
Introduction to studies	3	75	60	15
Professional language: ● Basics of professional terminology in Latin (Latin for foreign students); ● Language culture and specialty language ● Elective professional foreign language (Lithuanian language for Foreign Students)	3	75	60	15
	(3)	(38)	(30)	(8)
	(14)	(213)	(170)	(43)
Elective courses of general university training (group I)	6	150	120	30
Elective fundamental philosophy subjects (group II)	6	150	120	30
1st year	60	1500	1200	300
2nd semester	30	750	600	150
Plant and animal biology	3	75	60	15
Pharmaceutical botany	5	125	100	25
Analytical chemistry	4	100	80	20
Organic chemistry	5	125	100	25
Applied physics	3	75	60	15
Professional language: ● Basics of professional terminology in Latin (Latin for foreign students); ● Language culture and specialty language ● Elective professional foreign language (Lithuanian language for Foreign Students)	5	125	100	25
	(3)	(38)	(30)	(8)
	(14)	(213)	(170)	(43)
Human physiology	5	125	100	25
2nd year	60	1500	1200	300
1st semester	30	750	600	150

Analyticalchemistry	4	100	80	20
Physicalchemistry	6	150	120	30
Organicchemistry	4	100	80	20
Microbiology	5	125	100	25
Pathologicalphysiology	4	100	80	20
Occupationalhealthandsafety	3	75	60	15
Professional language: electivecoursesofprofessionalforeignlanguage (V group)	4	100	80	20
2nd year	60	1500	1200	300
2nd semester	30	750	600	150
Instrumentalanalysis	6	150	120	30
Biologicalchemistry	6	150	120	30
Pharmaceuticalchemistry	5	125	100	25
Electivecoursesofgeneraluniversitytraining(group III)	3	75	60	15
Electivecoursesofgeneraldrugtechnology (Group IV)	4	100	80	20
Electivecoursesofbasicsubjects (Group VI)	3	75	60	15
Electivecoursesofhumanities (Group VII)	3	75	60	15
3rd year	60	1500	1200	300
1st semester	30	750	600	150
Technologyofpharmacydrugs	7	175	140	35
Pharmacognosy	4	100	80	20
Pharmaceuticalchemistry	5	125	100	25
First medical aid and disaster medicine	3	75	60	15
Elective Courses of special medical (Group IX)	3	75	60	15
Elective courses of general university training (group X)	3	75	60	15
Elective courses of Pharmaceutical History and Pharmaceutical Economy (group XI and XII)	5	125	100	25
3rd year	60	1500	1200	300
2nd semester	30	750	600	150
Pharmacognosy	5	125	100	25
Searchfordrugs substancesoptionalsubjects (Group VIII)	3	75	60	15
Pharmacology	6	150	120	30
Essentials of internal medicine	4	100	80	20
Biopharmacy	6	150	120	30
ElectiveCoursesofPhilosophy (XIII and XIV Group)	6	150	120	30
4th year	60	1500	1200	300
1st semester	30	750	600	150
Chemistryofdrugs	3	75	60	15
Industrialpharmaceuticaltechnology	3	75	60	15
Pharmaceutical care	4	100	80	20
AnalyticalToxicology	3	75	60	15
Pharmacology	2	50	40	10
MODULEof Clinical Pharmacy				
Clinicalpharmacy	5	125	100	25
Pharmaceutical biotechnology	5	125	100	25
Final research work	5	125	100	25
4th year	60	1500	1200	300
2nd semester	30	750	600	150
Chemistryofdrugs	6	150	120	30
Industrialpharmaceuticaltechnology	3	75	60	15
Pharmaceutical care	5	125	100	25
AnalyticalToxicology	3	75	60	15
Pharmacotherapy	5	125	100	25
Elective courses of medicinal plants (XVI Group)	3	75	60	15
Final research work	5	125	100	25
5th year	60	1400	1120	337
1st semester	30	703	562	169

MODULE of Pharmaceutical Practice	3	73	58	17
Elective pharmaceutical care subjects (group XVII)	3	73	56	17
MODULE, „pharmaceuticalproductsdevelopment“	15	350	280	84
ChemistryofDrugs	2	46	37	11
Chemicalanalysisofphytopreparations	3	70	56	17
Creationpharmaceuticalproducts	3	70	56	17
drugsofbiotechnology	4	94	75	23
Metabolismofxenobiotics	3	70	56	17
Electivecourses (group XVIII)	3	70	56	17
State examination. Master's thesis.	6	140	112	37
5th year	60	1400	1120	337
2nd semester	30	698	558	168
MODULE of Pharmaceutical Practice	15	348	278	84
Master's thesis. Finalexam.	15	350	280	84