

STUDY PROGRAM MEDICINAL CHEMISTRY (English language)

2024/2025 m. m. STUDY PLAN

1st Year

No.	Subject Code	Subject/Module Name	Programme Subject Parts	Department/Clinics	Contact Work Hours	Credits	Semester(s)	Evaluation Form	Coordinating Lecturer
1	P390M117	Selected Chapters of Organic Chemistry	S	KTU Dept. of Organic Chemistry	64	6	1	E	Assoc. Prof.N.Kleizienė
2	P390M327	Spectroscopy of Organic Compounds	S	KTU Dept. of Organic Chemistry	80	6	1	E	Prof.V.Getautis
3	P400M101	Analytical and Preparative Chromatography	S	KTU Dept. of Organic Chemistry	64	6	1	E	Lect.L.Pečiulytė
4	MF/BCM/MC-MU01	Cell Biology	S	LSMU Dept. of Biochemistry	80	6	1	E	Doc. J.Liobikas
5	FF/FKG/MC-MU01	Pharmacognosy and Pharmaceutical Chemistry	S	LSMU Dept. of Pharmacognosy and Dept. of Drug Chemistry	80	6	1	E	Prof. V.Janulis, Doc. R.Benėtis
Total:					368	30			
No.	Subject Code	Subject/Module Name	Programme Subject Parts	Department/Clinics	Contact Work Hours	Credits	Semester(s)	Evaluation Form	Coordinating Lecturer
1	P390M116	Selected Chapters of Medicinal Chemistry	S	KTU Dept. of Organic Chemistry	64	6	2	E	Assoc. Prof. E.Arbačiauskienė
2	FF/KFK/MC-MU01	Development of Pharmaceuticals	S	LSMU Dept. of Clinical Pharmacy	80	6	2	Project	Prof. V.Briedis, Prof.K.Ramanauskienė
3	MF/FIK/MC-MU01	Pharmacology	S	LSMU Institute of Physiology and Pharmacology	80	6	2	E	Doc. R.Jankūnas
4	GMF/BIO/MC-MU01	Molecular Biology	S	LSMU Institute of Biological Systems and Genetic Research	80	6	2	E	P.Vaitkienė
5	P000M112 FF/KFK/MC-MU02 FF/FKG/MC-MU02 FF/VACH/MC-MU01	Research Project 1	S	KTU, LSMU	12	6	2	Project	Assoc. Prof. E.Arbačiauskienė
					316	30			
Total 1st Year:					684	60			

2nd Year

No.	Subject Code	Subject/Module Name	Programme Subject Parts	Department/ Clinics	Contact Work Hours	Credits	Semester(s)	Evaluation Form	Coordinating Lecturer
1	T480M100	Extraction of Bioactive Natural Materials	S	KTU Dept. of Food Science and Technology	64	6	3	E	V. Kitrytė
2	P000M116	Research Project 2	S	KTU, LSMU	12	12	3	Project	Assoc. Prof. E.Arbačiauskienė
3		<i>Alternatives</i>	S	KTU, LSMU	Up to 160	12	3	E	Students selection
	IAK/IAK/MC-MU01	Molecular Immunology	S	LSMU	80	6	3	E	E. Gasiūnienė
	VF/MVI/MC-MU01	Molecular Microbiology	S	LSMU	80	6	3	E	Ž. Štreimikytė-Mockeliūnė
	MF/PAK/MC-MU01	General and Molecular Pathology	S	LSMU	80	6	3	E	L. Poškienė, D. Pangonytė
	FF/VTSF/MC-MU01	Drug Technology	S	LSMU	80	6	3	E	I. Matulytė
	FF/KFK/MC-MU06	Clinical Trials of Medicinal Products	S	LSMU	80	6	3	E	V. Briedis
	P390M012	Synthesis of Amino Acids and Peptides	S	KTU Dept. of Organic Chemistry	48	6	3	E	Prof. V. Mickevičius
	P390M102	Chemistry of Heterocyclic Compounds	S	KTU Dept. of Organic Chemistry	80	6	3	E	Prof. V. Mickevičius
	P390M109	Mechanisms of Organic Reactions	S	KTU Dept. of Organic Chemistry	64	6	3	E	Prof. V. Martynaitis
	P390M120	Drug Synthesis	S	KTU Dept. of Organic Chemistry	48	6	3	E	Assoc. Prof. E. Arbačiauskienė
4	P000M114	Master's Degree Final Project	S	KTU, LSMU	-	30	4	Project	Assoc. Prof. E.Arbačiauskienė
Total 2nd Year					224	60			