

**STUDY FIELD – CHEMISTRY
SECOND CYCLE STUDIES (FULL-TIME STUDIES)
PROGRAMME "MEDICINAL CHEMISTRY"**

2025/2026 ACADEMIC YEAR STUDY PLAN

1ST STUDY YEAR

NO.	SUBJECT / MODULE CODE	SUBJECT / MODULE TITLE	TYPE OF SUBJECT	COORDINATING DEPARTMENT	CONTACT HOURS	CREDITS	SEMESTER / SEMESTERS	ASSESSMENT FORM
1.	P390M327*	Spectroscopy of Organic Compounds	SK	KTU Department of Organic Chemistry	80	6	1	Examination
2.	FF/FKG/MC-MU05**	Pharmacognosy and Pharmaceutical Chemistry	SK	Department of Pharmacognosy	64,0	6	1	Examination
2.1	FF/FKG/MC-MU05/01**	Pharmacognosy		Department of Pharmacognosy	32,0	3	1	
2.2	FF/FKG/MC-MU05/02**	Pharmaceutical Chemistry		Department of Drug Chemistry	32,0	3	1	
3.	P390M327*	Spectroscopy of Organic Compounds	SK	KTU Department of Organic Chemistry	80	6	1	Examination
4.	MF/BCM/MC-MU02**	Cell biology	SK	Department of Biochemistry	70,0	6	1	Examination
5.	P390M117*	Selected Chapters of Organic Chemistry	SK	KTU Institute of Synthetic Chemistry	64	6	1	Examination
6.	P390M116*	Selected Chapters of Medicinal Chemistry	SK	KTU Department of Organic Chemistry	64	6	2	Examination
7.	GMF/BIO/MC-MU02**	Molecular Biology	SK	Institute of Biological Systems and Genetics	60,0	6	2	Examination
8.	FF/KFK/MC-MU07**	Drug Development	SK	Department of Clinical Pharmacy	70,0	6	2	Examination
9.	P000M112*	Research Individual work (project) 1	SK	KTU, LSMU	12	6	2	Individual work (project)
10.	MF/FIK/MC-MU02**	Pharmacology	SK	Institute of Physiology and Pharmacology	60,0	6	2	Examination
Total in 1st study year:					608,0	60		

2ND STUDY YEAR

NO.	SUBJECT/MODULE CODE	SUBJECT/MODULE TITLE	TYPE OF SUBJECT	COORDINATING DEPARTMENT	CONTACT HOURS	CREDITS	SEMESTER / SEMESTERS	ASSESSMENT FORM
1.	T480M100*	Extraction of Bioactive Natural Materials	SK	KTU Department of Food Science and Technology	64	6	3	Examination
2.	P000M116*	Research Individual work (project) 2	SK	KTU, LSMU	12	12	3	Individual work (project)
3.-4.		Specialisation subject	KA	Depending on choice	82,0–157,0	12	3	Depending on choice
4.		Masters Thesis	BD	Depending on choice	10,0–80,0	30	4	Individual work (project)
Total in 2nd study year:					168,0-313,0	60		
Total in study programme:					776,0-921,0	120		

*The load of KTU modules is presented in academic hours (45 min.);

**The load of LSMU modules is given in astronomical hours (60 min.).

SK (*Krypties studijų dalykas (modulis) (privalomasis)*) – Study field subject (module) (compulsory)

KA (*Krypties studijų alternatyva (privalomoji alternatyva)*) – Field study alternative (compulsory alternative)

BU (*Kitos krypties studijų dalykas (modulis) (bendrauniversitetinis)*) – Other field subject (module) (general university subject)

BD (*Baigiamasis darbas*) – Final thesis (project) and final examinations

SP (*Krypties studijų praktika*) – Field study practice

PP (*Programos pasirenkamas*) – Programme elective

UP (*Universitetinis pasirenkamas*) – University elective