

## STUDY FIELD – MEDICINE

STUDY PROGRAM - PHARMACY  
2024/2025 m. m. ACADEMIC YEAR

## Ist YEAR (enrolled since 2022)

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
1	MF/KEK/F-U28	Introduction to Studies	K (P)	Dept. of Languages and Educology	57	3	1	Project	E.Butrimė
2	FF/ANT/F-U81	Introduction to Pharmacy	S	Dept. of Analytical and Toxicology Chemistry	56	3	1	Project	K. Vitkevičius V.Jakštas
3	FF/ANT/F-U79	General and Inorganic Chemistry	K (P)	Dept. of Analytical and Toxicology Chemistry	56	3	1	Project	A.Ževžikovas
4	FF/FKG/F-U30	<b>MODULE: The Basics of Plant and Animal Biology</b>	K (P)	Dept. of Pharmacognosy	112	6	1	E	N.Savickienė
4.1.		The Basics of Animal Biology		Institute of Biological Systems and Genetic Research	56	3	1		L.Mickienė
4.2.		Pharmaceutical Botany		Dept. of Pharmacognosy	56	3	1		N.Savickienė
5	MF/ANI/F-U04	<b>Human Anatomy</b>	K (P)	<b>Institute of Anatomy</b>	56	3	1	E	N.Paužienė
6		<b>Professional Language</b>	K (P)	Dept. of Languages and Educology	113	6	1		
6.1.	MF/KEK/F-U25	Basics of Latin Professional Terminology			57	3	1	E	S.Morkevičienė
6.2.	MF/KEK/F-U37	Lithuanian (foreign) Language I			56	3	1	E	L.Alešiūnaitė
7	MF/FMB/F-U17	<b>Biostatistics and Information Technology in Pharmacy</b>	B	Dept. of Physics, Mathematics, and Biophysics	112	6	1	E	J.Tomkevičiūtė
<b>Total autumn:</b>					<b>562</b>	<b>30</b>			

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
1	FF/ANT/F-U80	Organic Chemistry	K (P)	Dept. of Analytical and Toxicology Chemistry	112	6	2	E	A.Ževžikovas
2	MF/FIK/F-U28	Human Physiology	K (P)	Institute of Physiology and Pharmacology	112	6	2	Project	I.Korotkich
3	MF/FMB/F-U14	Applied Physics	K (P)	Dept. of Physics, Mathematics, and Biophysics	57	3	2	Project	A.Grigaliūnas A.Baginskas R.Čerapaitė-Trušinskienė
4	MF/KEK/F-U38	Lithuanian (foreign) Language II	K (P)	Dept. of Languages and Educology	112	6	2	Project	L.Alešiūnaitė
5	MF/BCM/F-U09	Biological Chemistry	K (P)	Dept. of Biochemistry	112	6	2	E	D.Umbrasas
6	FF/VTSE/F-U40	History of Pharmacy	S	Dept. of Drug Technology and Social Pharmacy	56	3	2	Project	V.Gudienė
<b>Total spring:</b>					<b>561</b>	<b>30</b>			
<b>Total 1st Year:</b>					<b>1123</b>	<b>60</b>			

**IInd YEAR (enrolled since 2022; starting from 2023/2024)**

<b>No.</b>	<b>Code of the Subject</b>	<b>Title of Subject/Module</b>	<b>Type of Subject</b>	<b>Responsible Department/Institute</b>	<b>Contact Work Hours</b>	<b>ECTS Credits</b>	<b>Semester/ Semesters</b>	<b>Evaluation Form</b>	<b>Coordinating Lecturer</b>	
1	MF/FIK/F-U29	Pathological Physiology	K (P)	Institute of Physiology and Pharmacology	56	3	3	Project	D.Akramienė	
2	VF/MVI/F-U02	Microbiology	S (P)	Institute of Microbiology and Virology	112	6	3	E	A.Giedraitienė	
3	FF/VTSF/F-U46	<b>MODULE: Basics of Health Care</b>	K (P)	<b>Dept. of Drug Technology and Social Pharmacy</b>	<b>210</b>	<b>12</b>	<b>3</b>	<b>E</b>	<b>R.Gerbutavičienė</b>	
3.1.		Patient Care and Nursing		Dept. of Nursing	56	3			3	A.Blaževičienė
3.2.		Safety of Specialists and Patients		Dept. of Environmental and Occupational Medicine	42	3			3	R.Raškevičienė
3.3.		Basics of Pharmaceutical Practice		Dept. of Drug Technology and Social Pharmacy	56	3			3	R.Gerbutavičienė
3.4.		First Medical Aid and Disaster Medicine		Dept. of Extreme Medicine	56	3			3	D.Vaitkaitis
4	FF/ANT/F-U84	Physical Chemistry	K (P)	Dept. of Analytical and Toxicology Chemistry	112	6	3	E	L. Ivanauskas	
5		Elective Courses of Humanities	B	Dept. of Languages and Educology	56	3	3	Project	L.Alešiūnaitė	
<b>Total autumn:</b>					<b>546</b>	<b>30</b>				

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
1	FF/ANT/F-U82	Pharmaceutical Analysis	S	Dept. of Analytical and Toxicology Chemistry	168	9	4	E	L.Rimkienė
2	FF/VTSF/F-U42	Pharmaceutical Marketing and Economics	S	Dept. of Drug Technology and Social Pharmacy	112	6	4	Project	J.Daukšienė
3	FF/VTSF/F-U51	<b>MODULE: Pharmaceutical technologies I</b>	S	Dept. of Drug Technology and Social Pharmacy	112	6	4	E	G.Kasparavičienė Ž.Pranskūnienė
3.1.		Applied Drug Technology		Dept. of Drug Technology and Social Pharmacy	56	3	4		G.Kasparavičienė
3.2.		Pharmaceutical Propaedeutic Practice in a Pharmacy		Dept. of Drug Technology and Social Pharmacy	56	3	4		Ž.Pranskūnienė
4	FF/FKG/F-U33	Pharmacognosy I	S	Dept. of Pharmacognosy	112	6	4	Project	D.Burdulis
5	IAK/IAK/F-U02	Immunology and Immunoprophylaxis	K (P)	Department of Immunology and Allergology	56	3	4	E	L.Tamašauskienė
<b>Total spring:</b>					<b>560</b>	<b>30</b>			
<b>Total 2nd Year:</b>					<b>1106</b>	<b>60</b>			

**IIIrd YEAR (enrolled since 2022; starting from 2024/2025)**

<b>No.</b>	<b>Code of the Subject</b>	<b>Title of Subject/Module</b>	<b>Type of Subject</b>	<b>Responsible Department/Institute</b>	<b>Contact Work Hours</b>	<b>ECTS Credits</b>	<b>Semester/ Semesters</b>	<b>Evaluation Form</b>	<b>Coordinating Lecturer</b>	
<b>1</b>	<b>FF/VACH/F-U29</b>	<b>MODULE: Pharmaceutical chemistry</b>	<b>S</b>	<b>Dept. of Drug Chemistry</b>	<b>168</b>	<b>9</b>	<b>5</b>	<b>E</b>	<b>R.Benetis</b>	
1.1.		Pharmaceutical Chemistry		Dept. of Drug Chemistry	112	6			5	R.Benetis
1.2.		Analysis of medicines		Dept. of Analytical and Toxicology Chemistry	56	3			5	L. Ivanauskas
<b>2</b>	<b>MF/FIK/F-U31</b>	<b>Pharmacology I</b>	<b>S</b>	<b>Institute of Physiology and Pharmacology</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>Project</b>	<b>A.Radzevičienė</b>	
<b>3</b>	<b>MF/VIL/F-U07</b>	<b>Essentials of Internal Diseases I</b>	<b>K (P)</b>	<b>Clinical Department of Internal Medicine</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>Project</b>	<b>A.Naudžiūnas A.Ališauskas</b>	
<b>4</b>	<b>FF/FKG/F-U36</b>	<b>Phytotherapy I</b>			<b>S</b>	<b>Dept. of Pharmacognosy</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>Project</b>
<b>5</b>	<b>FF/VTSF/F-U53</b>	<b>Pharmaceutical technologies II</b>	<b>K (P)</b>	Dept. of Drug Technology and Social Pharmacy	<b>112</b>	<b>6</b>	<b>5</b>	<b>E</b>	<b>D.Majienė</b>	
<b>6</b>	<b>FF/FKG/F-U34</b>	<b>Pharmacognosy II</b>	<b>S</b>	<b>Dept. of Pharmacognosy</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>Project</b>	<b>D.Burdulis</b>	
<b>7</b>		<b>University Elective Course</b>	<b>UP</b>	<b>According to Selection</b>	<b>56</b>	<b>3</b>	<b>5</b>	<b>Project</b>		
<b>Total autumn:</b>					<b>560</b>	<b>30</b>				

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
1	MF/FIK/F-U32	Pharmacology II	S	Institute of Physiology and Pharmacology	112	6	6	E	A.Radzevičienė
2	FF/VTSF/F-U49	Technologies of the Pharmaceutical Industry and Medical Devices	S	Dept. of Drug Technology and Social Pharmacy	112	6	6	E	L.Pudžiuvelytė J.A.Kazlauskaitė
3	FF/KFK/F-U26	Biopharmaceutics	S	Dept. of Clinical Pharmacy	112	6	6	E	V.Briedis
4	MF/VIL/F-U08	Essentials of Internal Diseases II	K (P)	Clinical Department of Internal Medicine	56	3	6	E	A.Naudžiūnas A.Ališauskas
5	FF/VACH/F-U35	Pharmacogenomics and Drug Metabolism	S	Dept. of Drug Chemistry	56	3	6	Project	R.Morkūnienė V.Tatarūnas
6	FF/FKG/F-U37	Phytotherapy II	S	Dept. of Pharmacognosy	56	3	6	Project	L.Raudonė
7	VSF/BEK/F-U02	Bioethics	B	Dept. of Bioethics	56	3	6	Project	E. Peičius
<b>Total spring:</b>					<b>560</b>	<b>30</b>			
<b>Total 3rd Year:</b>					<b>1120</b>	<b>60</b>			

**IVth YEAR (enrolled 2020-2021)**

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
<b>1</b>	<b>FF/VACH/F-U33</b>	<b>MODULE: Drug Chemistry</b>	<b>S</b>	<b>Dept. of Drug Chemistry</b>	<b>56</b>	<b>3</b>	<b>7 (7, 8)</b>	<b>I.C.</b>	<b>R.Morkūnienė</b>
1.1.		Neuropharmacy		Dept. of Drug Chemistry	56	3	7		R.Morkūnienė A.Špadienė
<b>2</b>	<b>FF/KFK/F-U28</b>	<b>Pharmaceutical Biotechnology</b>	<b>S</b>	<b>Dept. of Clinical Pharmacy</b>	<b>74</b>	<b>4</b>	<b>7</b>	<b>E</b>	<b>V.Briedis</b>
<b>3</b>	<b>FF/KFK/F-U29</b>	<b>MODULE: Disease Management</b>	<b>S</b>	<b>Dept. of Clinical Pharmacy</b>	<b>167</b>	<b>9</b>	<b>7 (7, 8)</b>	<b>I.C.</b>	<b>V.Briedis</b>
3.1.		Clinical Pharmacy		Dept. of Clinical Pharmacy	93	5	7		V.Briedis R.Minkutė
3.2.		Clinical Pharmacology		Dept. of Clinical Pharmacy	74	4	7		R.Minkutė R.Mačiulaitis D. Vaikšnorienė
<b>4</b>	<b>FF/FKG/F-U32</b>	<b>Phytotherapy I</b>	<b>S</b>	<b>Dept. of Pharmacognosy</b>	<b>37</b>	<b>2</b>	<b>7</b>	<b>Project</b>	<b>L.Raudonė</b>
<b>5</b>	<b>FF/VTSF/F-U44</b>	<b>Social Pharmacy I</b>	<b>S</b>	<b>Dept. of Drug Technology and Social Pharmacy</b>	<b>112</b>	<b>6</b>	<b>7</b>	<b>E</b>	<b>L.Kubilienė</b>
<b>6</b>		<b>Elective Courses of Special Medical Group</b>	<b>K (P)</b>	<b>According to Selection</b>	<b>56</b>	<b>3</b>	<b>7</b>	<b>Project</b>	
<b>7</b>		<b>Master Thesis (Research Project)</b>	<b>S</b>	<b>All Departments</b>	<b>56</b>	<b>3</b>	<b>7 (7, 8, 9, 10)</b>	<b>I.C.</b>	
<b>Total autumn:</b>					<b>558</b>	<b>30</b>			

No.	Code of the Subject	Title of Subject/Module	Type of Subject	Responsible Department/Institute	Contact Work Hours	ECTS Credits	Semester/ Semesters	Evaluation Form	Coordinating Lecturer
1	FF/VACH/F-U33	<b>MODULE: Drug Chemistry</b>	S	<b>Dept. of Drug Chemistry</b>	<b>112</b>	<b>6</b>	<b>8 (7, 8)</b>	<b>E</b>	<b>R.Morkūnienė</b>
1.1.		Cardiopharmacy		Dept. of Drug Chemistry	56	3	8		V.Tatarūnas
1.2.		Oncopharmacy and Inflammation		Dept. of Drug Chemistry	56	3	8		R.Morkūnienė
2	FF/ANT/F-U83	<b>Toxicology</b>	S	<b>Dept. of Analytical and Toxicology Chemistry</b>	<b>111</b>	<b>6</b>	<b>8</b>	<b>E</b>	<b>A.Kubilienė</b>
3	FF/VTSE/F-U45	<b>Social Pharmacy II</b>	S	<b>Dept. of Drug Technology and Social Pharmacy</b>	<b>56</b>	<b>3</b>	<b>8</b>	<b>Project</b>	<b>L.Kubilienė</b>
4	FF/KFK/F-U29	<b>MODULE: Disease Management</b>	S	<b>Dept. of Clinical Pharmacy</b>	<b>93</b>	<b>5</b>	<b>8 (7, 8)</b>	<b>E</b>	<b>V.Briedis</b>
4.1.		Pharmacotherapy		Institute of Physiology and Pharmacology	93	5	8		R.Mačiulaitis
5	FF/FKG/F-U31	<b>Phytotherapy II</b>	S	<b>Dept. of Pharmacognosy</b>	<b>37</b>	<b>2</b>	<b>8</b>	<b>Project</b>	<b>L.Raudonė</b>
6		<b>Elective Speciality Courses</b>	S	<b>Depts. of Faculty of Pharmacy</b>	<b>56</b>	<b>3</b>	<b>8</b>	<b>Project</b>	
7		<b>Master Thesis (Research Project)</b>	S	<b>All Departments</b>	<b>93</b>	<b>5</b>	<b>8 (7, 8, 9, 10)</b>	<b>I.C.</b>	
<b>Total spring:</b>					<b>558</b>	<b>30</b>			
<b>Total 4th Year:</b>					<b>1116</b>	<b>60</b>			



**Vth YEAR (enrolled 2020-2021; starting from 2024/2025)**

<b>No.</b>	<b>Code of the Subject</b>	<b>Title of Subject/Module</b>	<b>Type of Subject</b>	<b>Responsible Department/Institute</b>	<b>Contact Work Hours</b>	<b>ECTS Credits</b>	<b>Semester/ Semesters</b>	<b>Evaluation Form</b>	<b>Coordinating Lecturer</b>
<b>1</b>	<b>FF/FKG/F-U38</b>	<b>MODULE: Pharmaceutical Professional Practice</b>	<b>S</b>	<b>Depts. Of Faculty of Pharmacy</b>	<b>238</b>	<b>18</b>	<b>9, 10</b>	<b>Project</b>	
1.1.		Organization and Evaluation of Pharmaceutical Care Practice		Dept. of Drug Technology and Social Pharmacy	26	10			L. Kubilienė
1.2.		Organization and Evaluation of Social Pharmacy Practice		Dept. of Drug Technology and Social Pharmacy	26				L.Kubilienė
1.3.		Organization and Evaluation of Drug Technology in Pharmacy Practice		Dept. of Drug Technology and Social Pharmacy	13				J.Bernatonienė
1.4.		Organization and Evaluation of Phytopharmacy Practice		Dept. of Pharmacognosy	26				D.Burdulis
1.5.		Organization and Evaluation of Drug Analysis in Pharmacy Practice		Dept. of Drug Chemistry	13				R.Benetis
1.6.		Organization and Evaluation of Biopharmaceutics/ Clinical Pharmacy Practice		Dept. of Clinical Pharmacy	26				A.M.Inkėnienė
1.7.		Practice		According to Selection	108	8			Pagal pasirinkimą
<b>2</b>	<b>FF/VTSF/F-U52</b>	<b>Pharmaceutical Care</b>	<b>S</b>	<b>Dept. of Drug Technology and Social Pharmacy</b>	<b>80</b>	<b>6</b>	<b>9</b>	<b>E</b>	<b>L.Kubilienė</b>
<b>3</b>	<b>FF/KFK/F-U31</b>	<b>MODULE: Development of Pharmaceutical Preparations</b>	<b>S</b>	<b>Dept. of Drug Chemistry</b>	<b>133</b>	<b>10</b>	<b>9</b>	<b>Project</b>	<b>V.Briedis</b>
3.1.		Drug Quality		Dept. of Drug Chemistry	40	3			A. Špadienė
3.2.		Phytopharmaceutical Preparations		Dept. of Pharmacognosy	40	3			V.Jakštas
3.3.		Biopharmaceutics		Dept. of Clinical Pharmacy	53	4			V.Briedis
<b>4</b>		<b>Elective Speciality Courses</b>	<b>S</b>	<b>Depts. Of Faculty of Pharmacy</b>	<b>40</b>	<b>3</b>	<b>9</b>	<b>Project</b>	
<b>5</b>		<b>Master Thesis (Research Project)</b>	<b>S</b>	<b>According to Selection</b>	<b>293</b>	<b>22</b>	9, 10 (7, 8, 9, 10)	<b>I.C., Project</b>	

<b>6</b>		<b>Final examination</b>		<b>Depts. Of Faculty of Pharmacy and Institute of Physiology and Pharmacology</b>	<b>13</b>	<b>1</b>	<b>10</b>	<b>E</b>	
				<b>Total 5th Year:</b>	<b>797</b>	<b>60</b>			

2024/2025 m.m. Farmacijos nuolatinių studijų planas patvirtintas FF Taryboje. FF Tarybos posėdžio 2023-10-19 Nr. FF 23-6.