

**STUDY FIELD – PHARMACY**  
**INTEGRATED STUDIES (FULL-TIME STUDIES) PROGRAMME "PHARMACY (IN ENGLISH)"**

**2026/2027 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.  | FF/VTSE/F-U60         | History of Pharmacy                                  | SK              | Department of Drug Technology and Social Pharmacy    | 42,0          | 3       | 1                    | Individual work (project) |
| 2.  | FF/ANT/F-U91          | Introduction to Pharmacy                             | SK              | Department of Analytical and Toxicological Chemistry | 42,0          | 3       | 1                    | Individual work (project) |
| 3.  | FF/FGK/F-U39          | <i>The Basics of Plant and Animal Biology</i>        | SK              | <i>Department of Pharmacognosy</i>                   | 84,0          | 6       | 1                    | <i>Examination</i>        |
| 3.1 | FF/FGK/F-U39/01       | <i>Pharmaceutical botany</i>                         |                 | <i>Department of Pharmacognosy</i>                   | 42,0          | 3       | 1                    |                           |
| 3.2 | FF/FGK/F-U39/02       | <i>Animal Biology</i>                                |                 | <i>Institute of Biological Systems and Genetics</i>  | 42,0          | 3       | 1                    |                           |
| 4.  | MF/KEK/F-U46          | Basics of Latin Professional Terminology             | BU              | Department of Languages and Education                | 42,0          | 3       | 1                    | Examination               |
| 5.  | MF/FMB/F-U18          | Biostatistics and Information Technology in Pharmacy | BU              | Department of Physics, Mathematics, and Biophysics   | 84,0          | 6       | 1                    | Examination               |
| 6.  | FF/ANT/F-U86          | General and inorganic chemistry                      | BU              | Department of Analytical and Toxicological Chemistry | 42,0          | 3       | 1                    | Individual work (project) |
| 7.  | MF/KEK/F-U42          | Introduction to Studies                              | BU              | Department of Languages and Education                | 42,0          | 3       | 1                    | Individual work (project) |
| 8.  | MF/KEK/F-U43          | Lithuanian (Foreign) Language I                      | BU              | Department of Languages and Education                | 42,0          | 3       | 1                    | Examination               |
| 9.  | MF/FMB/F-U20          | Applied Physics                                      | BU              | Department of Physics, Mathematics, and Biophysics   | 42,0          | 3       | 2                    | Examination               |
| 10. | MF/BCM/F-U10          | Biological Chemistry                                 | BU              | Department of Biochemistry                           | 84,0          | 6       | 2                    | Examination               |

|                          |              |                                  |    |                                                      |       |    |   |                           |
|--------------------------|--------------|----------------------------------|----|------------------------------------------------------|-------|----|---|---------------------------|
| 11.                      | MF/ANI/F-U05 | Human Anatomy                    | BU | Institute of Anatomy                                 | 48,0  | 3  | 2 | Examination               |
| 12.                      | MF/FIK/F-U36 | Human Physiology                 | BU | Institute of Physiology and Pharmacology             | 84,0  | 6  | 2 | Examination               |
| 13.                      | MF/KEK/F-U44 | Lithuanian (Foreign) Language II | BU | Department of Languages and Education                | 84,0  | 6  | 2 | Individual work (project) |
| 14.                      | FF/ANT/F-U90 | Organic Chemistry                | BU | Department of Analytical and Toxicological Chemistry | 84,0  | 6  | 2 | Examination               |
| Total in 1st study year: |              |                                  |    |                                                      | 846,0 | 60 |   |                           |

**2ND STUDY YEAR**

| NO. | SUBJECT / MODULE CODE   | SUBJECT / MODULE TITLE                              | TYPE OF SUBJECT | COORDINATING DEPARTMENT                                      | CONTACT HOURS | CREDITS   | SEMESTER / SEMESTERS | ASSESSMENT FORM     |
|-----|-------------------------|-----------------------------------------------------|-----------------|--------------------------------------------------------------|---------------|-----------|----------------------|---------------------|
| 1.  | IAK/IAK/F-U03           | Immunology and Immunoprophylaxis                    | BU              | Department of Immunology and Allergology                     | 42,0          | 3         | 3                    | Examination         |
| 2.  | VF/MVI/F-U03            | Microbiology                                        | BU              | Institute of Microbiology and Virology                       | 84,0          | 6         | 3                    | Examination         |
| 3.  | MF/FIK/F-U33            | Pathological Physiology                             | BU              | Institute of Physiology and Pharmacology                     | 41,0          | 3         | 3                    | Examination         |
| 4.  | FF/ANT/F-U87            | Physical Chemistry                                  | BU              | Department of Analytical and Toxicological Chemistry         | 84,0          | 6         | 3                    | Examination         |
| 5.  |                         | Elective subject                                    | PP              | Depending on choice                                          | 30,0          | 3         | 3                    | Depending on choice |
| 6.  | <i>FF/VTSF/F-U59</i>    | <i>Module: Basics of Health Care</i>                | <i>SK</i>       | <i>Department of Drug Technology and Social Pharmacy</i>     | <i>130,0</i>  | <i>12</i> | <i>3-4</i>           | <i>Examination</i>  |
| 6.1 | <i>FF/VTSF/F-U59/01</i> | <i>Clinical Nursing Skills</i>                      |                 | <i>Department of Nursing</i>                                 | <i>42,0</i>   | <i>3</i>  | <i>3/4</i>           |                     |
| 6.2 | <i>FF/VTSF/F-U59/02</i> | <i>Basics of pharmaceutical practice</i>            |                 | <i>Department of Drug Technology and Social Pharmacy</i>     | <i>42,0</i>   | <i>3</i>  | <i>3/4</i>           |                     |
| 6.3 | <i>FF/VTSF/F-U59/03</i> | <i>First Aid and Disaster Medicine</i>              |                 | <i>Department of Disaster Medicine</i>                       | <i>12,0</i>   | <i>3</i>  | <i>3/4</i>           |                     |
| 6.4 | <i>FF/VTSF/F-U59/04</i> | <i>Safety of Specialists and Patients</i>           |                 | <i>Department of Environmental and Occupational Medicine</i> | <i>34,0</i>   | <i>3</i>  | <i>3/4</i>           |                     |
| 7.  | <i>FF/VTSF/F-U56</i>    | <i>Module: Pharmaceutical Technologies I</i>        | <i>SK</i>       | <i>Department of Drug Technology and Social Pharmacy</i>     | <i>84,0</i>   | <i>6</i>  | <i>4</i>             | <i>Examination</i>  |
| 7.1 | <i>FF/VTSF/F-U56/01</i> | <i>Applied Drug Technology</i>                      |                 | <i>Department of Drug Technology and Social Pharmacy</i>     | <i>42,0</i>   | <i>3</i>  | <i>4</i>             |                     |
| 7.2 | <i>FF/VTSF/F-U56/02</i> | <i>Pharmacy Propaedeutic Practice in a Pharmacy</i> |                 | <i>Department of Drug Technology and Social Pharmacy</i>     | <i>42,0</i>   | <i>3</i>  | <i>4</i>             |                     |
| 8.  | FF/ANT/F-U89            | Pharmaceutical Analysis                             | SK              | Department of Analytical and Toxicological Chemistry         | 126,0         | 9         | 4                    | Examination         |

|                          |               |                                      |    |                                                   |       |    |   |                           |
|--------------------------|---------------|--------------------------------------|----|---------------------------------------------------|-------|----|---|---------------------------|
| 9.                       | FF/VTSE/F-U66 | Pharmaceutical Marketing and Economy | SK | Department of Drug Technology and Social Pharmacy | 84,0  | 6  | 4 | Individual work (project) |
| 10.                      | FF/FKG/F-U40  | Pharmacognosy I                      | SK | Department of Pharmacognosy                       | 84,0  | 6  | 4 | Individual work (project) |
| Total in 2nd study year: |               |                                      |    |                                                   | 789,0 | 60 |   |                           |

**3RD STUDY YEAR**

| <b>NO.</b>                      | <b>SUBJECT / MODULE CODE</b> | <b>SUBJECT / MODULE TITLE</b>                                   | <b>TYPE OF SUBJECT</b> | <b>COORDINATING DEPARTMENT</b>                    | <b>CONTACT HOURS</b> | <b>CREDITS</b> | <b>SEMESTER / SEMESTERS</b> | <b>ASSESSMENT FORM</b>    |
|---------------------------------|------------------------------|-----------------------------------------------------------------|------------------------|---------------------------------------------------|----------------------|----------------|-----------------------------|---------------------------|
| 1.                              | FF/VACH/F-U38                | Pharmaceutical Chemistry                                        | SK                     | Department of Drug Chemistry                      | 126,0                | 9              | 5                           | Examination               |
| 2.                              | FF/VTSF/F-U64                | Pharmaceutical Technologies II                                  | SK                     | Department of Drug Technology and Social Pharmacy | 95,0                 | 6              | 5                           | Examination               |
| 3.                              | FF/FKG/F-U42                 | Pharmacognosy II                                                | SK                     | Department of Pharmacognosy                       | 42,0                 | 3              | 5                           | Individual work (project) |
| 4.                              | MF/FIK/F-U34                 | Pharmacology I                                                  | SK                     | Institute of Physiology and Pharmacology          | 42,0                 | 3              | 5                           | Examination               |
| 5.                              | FF/FKG/F-U44                 | Phytotherapy I                                                  | SK                     | Department of Pharmacognosy                       | 42,0                 | 3              | 5                           | Individual work (project) |
| 6.                              | MF/VIL/F-U09                 | Essentials of Internal Diseases I                               | BU                     | Department of Internal Medicine                   | 42,0                 | 3              | 5                           | Examination               |
| 7.                              |                              | Elective subject                                                | PP/UP                  | Depending on choice                               | 30,0                 | 3              | 5                           | Depending on choice       |
| 8.                              | FF/KFK/F-U34                 | Biopharmaceutics                                                | SK                     | Department of Clinical Pharmacy                   | 84,0                 | 6              | 6                           | Examination               |
| 9.                              | FF/VACH/F-U36                | Pharmacogenomics and Drug metabolism                            | SK                     | Department of Drug Chemistry                      | 42,0                 | 3              | 6                           | Individual work (project) |
| 10.                             | MF/FIK/F-U35                 | Pharmacology II                                                 | SK                     | Institute of Physiology and Pharmacology          | 84,0                 | 6              | 6                           | Examination               |
| 11.                             | FF/FKG/F-U43                 | Phytotherapy II                                                 | SK                     | Department of Pharmacognosy                       | 42,0                 | 3              | 6                           | Individual work (project) |
| 12.                             | FF/VTSF/F-U58                | Technologies of the Pharmaceutical Industry and Medical Devices | SK                     | Department of Drug Technology and Social Pharmacy | 84,0                 | 6              | 6                           | Examination               |
| 13.                             | VSF/BEK/F-U03                | Bioethics                                                       | BU                     | Department of Social Sciences and Humanities      | 42,0                 | 3              | 6                           | Individual work (project) |
| 14.                             | MF/VIL/F-U10                 | Essentials of Internal Diseases II                              | BU                     | Department of Internal Medicine                   | 42,0                 | 3              | 6                           | Examination               |
| <b>Total in 3rd study year:</b> |                              |                                                                 |                        |                                                   | <b>839,0</b>         | <b>60</b>      |                             |                           |

**4TH STUDY YEAR**

| <b>NO.</b>                      | <b>SUBJECT / MODULE CODE</b> | <b>SUBJECT / MODULE TITLE</b>       | <b>TYPE OF SUBJECT</b> | <b>COORDINATING DEPARTMENT</b>                              | <b>CONTACT HOURS</b> | <b>CREDITS</b> | <b>SEMESTER / SEMESTERS</b> | <b>ASSESSMENT FORM</b>           |
|---------------------------------|------------------------------|-------------------------------------|------------------------|-------------------------------------------------------------|----------------------|----------------|-----------------------------|----------------------------------|
| <b>1.</b>                       | <b>FF/KFK/F-U33</b>          | <b>Pharmaceutical Biotechnology</b> | <b>SK</b>              | <b>Department of Clinical Pharmacy</b>                      | <b>42,0</b>          | <b>3</b>       | <b>7</b>                    | <b>Examination</b>               |
| <b>2.</b>                       | <b>FF/VTSF/F-U69</b>         | <b>Social Pharmacy I</b>            | <b>SK</b>              | <b>Department of Drug Technology and Social Pharmacy</b>    | <b>82,0</b>          | <b>6</b>       | <b>7</b>                    | <b>Examination</b>               |
| <b>3.</b>                       |                              | <b>Elective subject</b>             | <b>PP</b>              | <b>Depending on choice</b>                                  | <b>30,0</b>          | <b>3</b>       | <b>7</b>                    | <b>Depending on choice</b>       |
| <b>4.</b>                       | <b>FF/KFK/F-U36</b>          | <b>Module: Disease Management</b>   | <b>SK</b>              | <b>Department of Clinical Pharmacy</b>                      | <b>210,0</b>         | <b>15</b>      | <b>7-8</b>                  | <b>Examination</b>               |
| 4.1                             | FF/KFK/F-U36/01              | Clinical pharmacy                   |                        | Department of Clinical Pharmacy                             | 84,0                 | 6              | 7/8                         |                                  |
| 4.2                             | FF/KFK/F-U36/02              | Pharmacotherapy                     |                        | Institute of Physiology and Pharmacology                    | 84,0                 | 6              | 7/8                         |                                  |
| 4.3                             | FF/KFK/F-U36/03              | Clinical Pharmacology               |                        | Department of Clinical Pharmacy                             | 42,0                 | 3              | 7/8                         |                                  |
| <b>5.</b>                       | <b>FF/VACH/F-U41</b>         | <b>Module: Drug Chemistry</b>       | <b>SK</b>              | <b>Department of Drug Chemistry</b>                         | <b>120,0</b>         | <b>9</b>       | <b>7-8</b>                  | <b>Examination</b>               |
| 5.1                             | FF/VACH/F-U41/01             | NEUROPHARMACY                       |                        | Department of Drug Chemistry                                | 40,0                 | 3              | 7/8                         |                                  |
| 5.2                             | FF/VACH/F-U41/02             | Cardiopharmacy and endocrine drugs  |                        | Department of Drug Chemistry                                | 40,0                 | 3              | 7/8                         |                                  |
| 5.3                             | FF/VACH/F-U41/03             | ONCOPHARMACY AND INFLAMMATION       |                        | Department of Drug Chemistry                                | 40,0                 | 3              | 7/8                         |                                  |
| <b>6.</b>                       |                              | <b>Masters Thesis</b>               | <b>BD</b>              | <b>Depending on choice</b>                                  | <b>34,0</b>          | <b>12</b>      | <b>7-8</b>                  | <b>Individual work (project)</b> |
| <b>7.</b>                       | <b>FF/VTSF/F-U70</b>         | <b>Social Pharmacy II</b>           | <b>SK</b>              | <b>Department of Drug Technology and Social Pharmacy</b>    | <b>43,0</b>          | <b>3</b>       | <b>8</b>                    | <b>Individual work (project)</b> |
| <b>8.</b>                       | <b>FF/ANT/F-U88</b>          | <b>Toxicology</b>                   | <b>SK</b>              | <b>Department of Analytical and Toxicological Chemistry</b> | <b>84,0</b>          | <b>6</b>       | <b>8</b>                    | <b>Examination</b>               |
| <b>9.</b>                       |                              | <b>Elective subject</b>             | <b>PP</b>              | <b>Depending on choice</b>                                  | <b>30,0</b>          | <b>3</b>       | <b>8</b>                    | <b>Depending on choice</b>       |
| <b>Total in 4th study year:</b> |                              |                                     |                        |                                                             | <b>675,0</b>         | <b>60</b>      |                             |                                  |

### 5TH STUDY YEAR

| NO.                       | SUBJECT / MODULE CODE | SUBJECT / MODULE TITLE                            | TYPE OF SUBJECT | COORDINATING DEPARTMENT                                  | CONTACT HOURS | CREDITS | SEMESTER / SEMESTERS | ASSESSMENT FORM           |
|---------------------------|-----------------------|---------------------------------------------------|-----------------|----------------------------------------------------------|---------------|---------|----------------------|---------------------------|
| 1.                        | FF/KFK/F-U37          | <i>Development of Pharmaceutical Preparations</i> | SK              | <i>Department of Clinical Pharmacy</i>                   | 90,0          | 9       | 9                    | Examination               |
| 1.1                       | FF/KFK/F-U37/01       | <i>Drug Quality</i>                               |                 | <i>Department of Drug Chemistry</i>                      | 30,0          | 3       | 9                    |                           |
| 1.2                       | FF/KFK/F-U37/02       | <i>Phytopharmaceutical Preparations</i>           |                 | <i>Department of Pharmacognosy</i>                       | 27,0          | 3       | 9                    |                           |
| 1.3                       | FF/KFK/F-U37/03       | <i>Biopharmaceuticals</i>                         |                 | <i>Department of Clinical Pharmacy</i>                   | 33,0          | 3       | 9                    |                           |
| 2.                        | FF/VTSF/F-U76         | <i>Pharmaceutical Care</i>                        | SK              | <i>Department of Drug Technology and Social Pharmacy</i> | 90,0          | 9       | 9                    | Examination               |
| 2.1                       | FF/VTSF/F-U76/01      | <i>Pharmaceutical Care</i>                        |                 | <i>Department of Drug Technology and Social Pharmacy</i> | 60,0          | 6       | 9                    |                           |
| 2.2                       | FF/VTSF/F-U76/02      | <i>Clinical Pharmacy Services</i>                 |                 | <i>Department of Clinical Pharmacy</i>                   | 30,0          | 3       | 9                    |                           |
| 3.                        |                       | Elective subject                                  | PP              | Depending on choice                                      | 30,0          | 3       | 9                    | Depending on choice       |
| 4.                        | FF/VTSF/F-U71         | Pharmaceutical Professional Practice              | SP              | Department of Drug Technology and Social Pharmacy        | 238,0         | 18      | 9-10                 | Individual work (project) |
| 5.                        |                       | Masters Thesis                                    | BD              | Depending on choice                                      | 128,0         | 18      | 9-10                 | Individual work (project) |
| 6.                        | FF/KFK/F-U38          | Final Examination                                 | BD              | Department of Clinical Pharmacy                          | 13,0          | 3       | 10                   | Examination               |
| Total in 5th study year:  |                       |                                                   |                 |                                                          | 589,0         | 60      |                      |                           |
| Total in study programme: |                       |                                                   |                 |                                                          | 3738,0        | 300     |                      |                           |

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) (bendrauniversitinis)*) – 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 pasirenkamasis*) – Programme elective

UP (*Universitetinis pasirenkamasis*) – University elective