

**Semmelweis University**  
**Faculty of Pharmaceutical Sciences**

**The new curriculum of the credit-based training from the 2026/2027 academic year for students enrolled for 4th-year**

| 1. semester       |                                                           |                        |                        |           |                      |            |                 |                      |
|-------------------|-----------------------------------------------------------|------------------------|------------------------|-----------|----------------------|------------|-----------------|----------------------|
| Neptun Subject ID | Subject                                                   | Lecture<br>(hour/week) | Practic<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s) | Prerequisite(s) code |
| GYKGYK320E1A      | General and Inorganic Chemistry I.                        | 3,0                    | 4,0                    | 7         | end-term examination | obligatory | -               | -                    |
| GYKDEI107G1A      | Informatics                                               | 0,0                    | 2,0                    | 2         | practical mark       | obligatory | -               | -                    |
| GYKFIZ267E1A      | Physical basics of Biophysics                             | 1,0                    | 0,0                    | 1         | end-term examination | obligatory | -               | -                    |
| GYKFIZ268E1A      | Biophysics I.                                             | 1,5                    | 2,5                    | 4         | end-term examination | obligatory | -               | -                    |
| GYKGEN269E1A      | Biology I.                                                | 2,0                    | 2,0                    | 4         | end-term examination | obligatory | -               | -                    |
| GYKOXI270G1A      | First Aid                                                 | 0,3                    | 0,7                    | 1         | practical mark       | obligatory | -               | -                    |
| GYKNYE111G1A      | The Latin basics of pharmaceutical terminology            | 0,0                    | 2,0                    | 2         | practical mark       | obligatory | -               | -                    |
| GYKGYH271G1A      | Mathematics for Pharmacists                               | 2,0                    | 2,0                    | 4         | practical mark       | obligatory | -               | -                    |
| GYKEGY113E1A      | Introduction to Pharmaceutical Studies (methodology, law) | 1,0                    | 0,0                    | 1         | end-term examination | obligatory | -               | -                    |
| GYKFMG153E1A      | History of Pharmaceutics and Propedeutics                 | 2,0                    | 0,0                    | 2         | end-term examination | obligatory | -               | -                    |
| GYKANG071E1A      | Principles of Professional Ethics I.                      | 0,0                    | 0,0                    | 0         | signature            | criterion  | -               | -                    |
| GYKTSI116G1A      | Physical Education I.                                     | 0,0                    | 1,0                    | 0         | signature            | criterion  | -               | -                    |
| GYKNYE306G1A      | Hungarian Pharmaceutical Terminology I.                   | 0,0                    | 2,0                    | 0         | signature            | obligatory | -               | -                    |
| <b>Total:</b>     |                                                           | <b>12,8</b>            | <b>18,2</b>            | <b>28</b> |                      |            |                 |                      |
| GYSGYK322G1A      | Basics of General Chemistry                               | 0                      | 2                      | 2         | practical mark       | elective   | -               | -                    |

| 2. semester       |                                                         |                        |                         |           |                      |            |                                                                                                  |                                              |
|-------------------|---------------------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|--------------------------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                                 | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)                                                                                  | Prerequisite(s) code                         |
| GYKGYK320E2A      | General and Inorganic Chemistry II.                     | 3,0                    | 0,0                     | 3         | end-term examination | obligatory | General and Inorganic Chemistry I.                                                               | GYKGYK320E1A                                 |
| GYKGYK321G1A      | Analytical Chemistry I.                                 | 2,0                    | 4,0                     | 6         | practical mark       | obligatory | General and Inorganic Chemistry I. Introd. to Pharmaceutical Studies Mathematics for Pharmacists | GYKGYK320E1A<br>GYKEGY113E1A<br>GYKGYH271G1A |
| GYKANT272E1A      | Anatomy                                                 | 2,0                    | 2,0                     | 2         | end-term examination | obligatory | Biology I. The Latin basics of pharmaceutical terminology                                        | GYKGEN269E1A<br>GYKNYE111G1A                 |
| GYKFIZ268E2A      | Biophysics II.                                          | 1,5                    | 2,5                     | 4         | final*               | obligatory | Biophysics I. Physical basis of Biophysics                                                       | GYKFIZ268E1A<br>GYKFIZ267E1A                 |
| GYKGEN269E2A      | Biology II.                                             | 2,0                    | 2,0                     | 4         | final*               | obligatory | Biology I.                                                                                       | GYKGEN269E1A                                 |
| GYKNYE119G1A      | Pharmaceutical and medical terminology                  | 0,0                    | 2,0                     | 1         | practical mark       | obligatory | The Latin basics of pharmaceutical terminology                                                   | GYKNYE111G1A                                 |
| GYKMAG120G1A      | Communication and Information Networks                  | 1,0                    | 1,0                     | 2         | practical mark       | obligatory | Introd. to Pharmaceutical Studies                                                                | GYKEGY113E1A                                 |
| GYKEGY247E1A      | Basics of Economics                                     | 1,0                    | 0,0                     | 1         | end-term examination | obligatory | Introd. to pharmaceutical studies, Mathematics for pharmacists                                   | GYKEGY113E1A<br>GYKGYH271G1A                 |
| GYKGYI122G1A      | Physical Chemistry for Pharmacists                      | 2,0                    | 2,0                     | 4         | practical mark       | obligatory | General and Inorganic Chemistry I. Mathematics for Pharmacists                                   | GYKGYK320E1A<br>GYKGYH271G1A                 |
| GYKNYE306G2A      | Hungarian Pharmaceutical Terminology II.                | 0,0                    | 2,0                     | 0         | signature            | obligatory | Hungarian Pharmaceutical Term. I.                                                                | GYKNYE306G1A                                 |
| GYKTSI116G2A      | Physical Education II.                                  | 0,0                    | 1,0                     | 0         | signature            | criterion  | -                                                                                                | -                                            |
| <b>Total:</b>     |                                                         | <b>14,5</b>            | <b>18,5</b>             | <b>27</b> |                      |            |                                                                                                  |                                              |
| GYSGYK323E1A      | Calculation problems in general and inorganic chemistry | 2                      | 0                       | 2         | end-term examination | elective   | -                                                                                                | -                                            |

| 3. semester       |                                            |                        |                         |           |                      |            |                                                                |                              |
|-------------------|--------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|----------------------------------------------------------------|------------------------------|
| Neptun Subject ID | Subject                                    | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)                                                | Prerequisite(s) code         |
| GYKGYK321E2A      | Analytical Chemistry II.                   | 4,0                    | 4,0                     | 8         | final*               | obligatory | Analytical chemistry I. General<br>and Inorganic Chemistry II. | GYKGYK321G1A<br>GYKGYK320E2A |
| GYKBMT276G1A      | Biochemistry I.                            | 2,5                    | 0,5                     | 2         | practical mark       | obligatory | General and Inorganic Chemistry II. Biology II.                | GYKGYK320E2A<br>GYKGEN269E2A |
| GYKGEN070E1A      | Basic Immunology                           | 2,0                    | 0,0                     | 2         | end-term examination | obligatory | Biology II.                                                    | GYKGEN269E2A                 |
| GYKTLM275E1A      | Physiology I.                              | 5,0                    | 2,0                     | 5         | end-term examination | obligatory | Anatomy I. Biology II.                                         | GYKANT272E1A<br>GYKGEN269E2A |
| GYKGYI072G1A      | Colloid Chemistry                          | 2,0                    | 2,0                     | 4         | practical mark       | obligatory | Physical Chemistry for Pharmacists                             | GYKGYI122G1A                 |
| GYKSZK274E1A      | Organic Chemistry I.                       | 4,0                    | 4,0                     | 8         | end-term examination | obligatory | General and Inorganic Chemistry II.                            | GYKGYK320E2A                 |
| GYKTSI116G3A      | Physical Education III.                    | 0,0                    | 1,0                     | 0         | signature            | criterion  | -                                                              | -                            |
| GYKNYE306G3A      | Hungarian Pharmaceutical Terminology III.  | 0,0                    | 2,0                     | 1         | practical mark       | obligatory | Hungarian Pharmaceutical Term. II.                             | GYKNYE306G2A                 |
| <b>Total:</b>     |                                            | <b>19,5</b>            | <b>15,5</b>             | <b>30</b> |                      |            |                                                                |                              |
|                   | Work within the Union of Research Students | 0                      | 1                       | 1         | practical mark       | elective   | -                                                              | -                            |

| 4. semester       |                                                             |                        |                                |           |                      |            |                                                                              |                                              |
|-------------------|-------------------------------------------------------------|------------------------|--------------------------------|-----------|----------------------|------------|------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                                     | Lecture<br>(hour/week) | Practice<br>(hour/week)        | Credit    | Examination          |            | Prerequisite(s)                                                              | Prerequisite(s) code                         |
| GYKBMT276E2A      | Biochemistry II.                                            | 2                      | 1                              | 3         | final*               | obligatory | Biochemistry I.                                                              | GYKBMT276G1A                                 |
| GYKSZK274E2A      | Organic Chemistry II.                                       | 4                      | 4                              | 8         | final*               | obligatory | Organic Chemistry I.                                                         | GYKSZK274E1A                                 |
| GYKGYI248G1A      | Physiological Pharmaceutics and Pharmaceutical dosage forms | 2                      | 2                              | 4         | practical mark       | obligatory | Physical Chemistry for Pharmacists History of Pharmaceutics and Propedeutics | GYKGYI122G1A<br>GYKFMG153E1A<br>GYKTLM275E1A |
| GYKTLM275E2A      | Physiology II.                                              | 5                      | 2                              | 7         | final*               | obligatory | Physiology I.<br>Biochemistry I.                                             | GYKTLM275E1A<br>GYKBMT276G1A                 |
| GYKGYI078G1A      | Nanotechnology                                              | 2                      | 2                              | 4         | practical mark       | obligatory | Colloid Chemistry                                                            | GYKGYI072G1A                                 |
| GYKANG238G1A      | Pharmacy Practice I.                                        | 0                      | 20 hour/semester               | 0         | signature            | obligatory | Physical Chemistry for Pharmacist<br>Pharmaceutical and medical terminology  | GYKGYI122G1A<br>GYKNYE119G1A                 |
| GYKNYE306G4A      | Hungarian Pharmaceutical Terminology IV.                    | 0                      | 2                              | 3         | final*               | obligatory | Hungarian Pharmaceutical Term. III.                                          | GYKNYE306G3A                                 |
| GYKTSI116G4A      | Physical Education IV.                                      | 0                      | 1                              | 0         | signature            | criterion  | -                                                                            | -                                            |
| <b>Total:</b>     |                                                             | <b>15</b>              | <b>14<br/>20 hour/semester</b> | <b>29</b> |                      |            |                                                                              |                                              |
| GYSSZG234G4A      | Summer Practice I.                                          | 0                      | 4 week<br>(40 hour/week)       | 4         | practical mark       | elective   | Colloid Chemistry      Physiology I.                                         | GYKGYI072G1A<br>GYKTLM275E1A                 |
| GYSGYK326E1A      | Bioinorganic Chemistry (theory)                             | 3                      | 0                              | 2         | end-term examination | elective   | Analytical Chemistry II.                                                     | GYKASK273E2A                                 |
| GYSSZK207E1A      | Name Reaction in Organic Chemistry (theory)                 | 2                      | 0                              | 2         | end-term examination | elective   | Organic Chemistry I.                                                         | GYKSZK274E1A                                 |
|                   | Work within the Union of Research Students                  | 0                      | 1                              | 1         | practical mark       | elective   | -                                                                            | -                                            |

| 5. semester       |                                               |                        |                         |           |                      |            |                                                                                                                            |                                              |
|-------------------|-----------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                       | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)                                                                                                            | Prerequisite(s) code                         |
| GYKFMG278E1A      | Pharmaceutical Botany                         | 2                      | 2                       | 3         | end-term examination | obligatory | Biochemistry I.                                                                                                            | GYKBMT276G1A                                 |
| GYKGYI168E1A      | Dietetics                                     | 1                      | 0                       | 1         | end-term examination | obligatory | Physiology II. Biochemistry II.                                                                                            | GYKTLM275E2A<br>GYKBMT276E2A                 |
| GYKGYI074E1A      | Biotechnology                                 | 1                      | 0                       | 1         | end-term examination | obligatory | Biochemistry I.                                                                                                            | GYKBMT276G1A                                 |
| GYKGYI281G1A      | Pharmaceutical Technology I.                  | 2                      | 3                       | 5         | practical mark       | obligatory | Nanotechnology<br>Pharmaceutics and Pharmaceutical dosage forms<br>Physiological<br>Pharmaceutical and medical terminology | GYKGYI078G1A<br>GYKGYI248G1A<br>GYKNYE119G1A |
| GYKGYK279E1A      | Pharmaceutical Chemistry and Analysis I.      | 4                      | 4                       | 8         | end-term examination | obligatory | Analytical Chemistry II., Organic Chemistry II.                                                                            | GYKGYK321E2A<br>GYKSZK274E2A                 |
| GYKMIK280E1A      | Pharmaceutical Microbiology                   | 3                      | 2                       | 4         | end-term examination | obligatory | Basic Immunology                                                                                                           | GYKGEN070E1A                                 |
| GYKGYH128G1A      | Basic Medical Pathophysiology I.              | 2                      | 1                       | 2         | practical mark       | obligatory | Physiology II. Biochemistry II.<br>First Aid                                                                               | GYKTLM275E2A<br>GYKBMT276E2A<br>GYKOXI270G1A |
| GYKLMI082E1A      | Clinical Chemistry and Laboratory Diagnostics | 2                      | 0                       | 2         | end-term examination | obligatory | Physiology II. Biochemistry II.                                                                                            | GYKTLM275E2A<br>GYKBMT276E2A                 |
| GYKGYI085E1A      | Products of Veterinary Medicine               | 1                      | 0                       | 1         | end-term examination | obligatory | Physiological Pharmaceutics and Pharmaceutical dosage forms                                                                | GYKGYI248G1A                                 |
| GYKTSI116G5A      | Physical Education V.                         | 0                      | 1                       | 0         | signature            | criterion  | -                                                                                                                          | -                                            |
| <b>Total:</b>     |                                               | <b>18</b>              | <b>13</b>               | <b>27</b> |                      |            |                                                                                                                            |                                              |
|                   | Work within the Union of Research Students    | 0                      | 1                       | 1         | practical mark       | elective   | -                                                                                                                          | -                                            |

| 6. semester       |                                                  |                        |                                |           |                      |            |                                                                                                      |                                              |
|-------------------|--------------------------------------------------|------------------------|--------------------------------|-----------|----------------------|------------|------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                          | Lecture<br>(hour/week) | Pracitce<br>(hour/week)        | Credit    | Examination          |            | Prerequisite(s)                                                                                      | Prerequisite(s) code                         |
| GYKGYH128E2A      | Basic Medical Pathophysiology II.                | 2                      | 1                              | 3         | final*               | obligatory | Basic Medical Pathophysiology I.<br>Pharmaceutical Microbiology Dietetics                            | GYKGYH128G1A<br>GYKMIK280E1A<br>GYKGYI168E1A |
| GYKFMG284G1A      | Pharmacognosy I.                                 | 2                      | 4                              | 5         | practical mark       | obligatory | Pharmaceutical Botany                                                                                | GYKFMG278E1A                                 |
| GYKGYK279E2A      | Pharmaceutical Chemistry and Analysis II.        | 4                      | 4                              | 7         | final*               | obligatory | Pharmaceutical Chemistry and Analysis I.                                                             | GYKGYK279E1A                                 |
| GYKGYH283E1A      | Pharmacology and Toxicology I.                   | 2                      | 2                              | 4         | end-term examination | obligatory | Basic Medical Pathophysiology I., Physiological<br>Pharmaceutics and Pharmaceutical dosage<br>forms  | GYKGYH128G1A<br>GYKGYI248G1A                 |
| GYKGYI281E2A      | Pharmaceutical Technology II.                    | 2                      | 6                              | 6         | end-term examination | obligatory | Pharmaceutical Technology I., Pharmaceutical<br>Chem. and Anal. I.                                   | GYKGYI281G1A<br>GYKGYK279E1A                 |
| GYKGYH282G1A      | Statistics for Pharmacists                       | 2                      | 2                              | 3         | practical mark       | obligatory | Mathematics for Pharmacists, Physiological<br>Pharmaceutics and Pharmaceutical dosage<br>Informatics | GYKGYH271G1A<br>GYKGYI248G1A<br>GYKDEI107G1A |
| GYKANG238G2A      | Pharmacy Practice II.                            | 0                      | 20 hour/semester               | 0         | signature            | obligatory | Pharmaceutical Technology I., Pharmaceutical<br>Chem. and Anal. I.                                   | GYKGYI281G1A<br>GYKGYK279E1A                 |
| GYKTSI116G6A      | Physical Education VI.                           | 0                      | 1                              | 0         | signature            | criterion  | -                                                                                                    | -                                            |
| <b>Total:</b>     |                                                  | <b>14</b>              | <b>20<br/>20 hour/semester</b> | <b>28</b> |                      |            |                                                                                                      |                                              |
| GYSSZG239G4A      | Summer Practice II.                              | 0                      | 4 week<br>(40 hour/week)       | 4         | practical mark       | elective   | Pharmaceutical Technology I.                                                                         | GYKGYI281G1A                                 |
| GYSFMG294E1A      | Analytical applications of liquid chromatography | 2                      | 0                              | 2         | end-term examination | elective   | Analytical Chemistry II.<br>Organic Chemistry II.                                                    | GYKGYK321E2A<br>GYKSZK274E2A                 |
|                   | Work within the Union of Research Students       | 0                      | 1                              | 1         | practical mark       | elective   | -                                                                                                    | -                                            |

| 7. semester       |                                            |                        |                         |           |                      |            |                                                                                  |                                              |
|-------------------|--------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|----------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                    | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)                                                                  | Prerequisite(s) code                         |
| GYKFMG284E2A      | Pharmacognosy II.                          | 2,0                    | 4,0                     | 5         | final*               | obligatory | Pharmacognosy I.                                                                 | GYKFMG284G1A                                 |
| GYKGYK285E1A      | Instrumental Pharmaceutical Analysis       | 2,0                    | 5,0                     | 6         | end-term examination | obligatory | Pharmaceutical Technology II., Pharmaceutical Chem. and Anal. II. Biophysics II. | GYKGYI281E2A<br>GYKGYK279E2A<br>GYKFIZ268E2A |
| GYKGYH283E2A      | Pharmacology and Toxicology II.            | 3,0                    | 2,0                     | 5         | end-term examination | obligatory | Pharmacology and Toxicology I. Basic Medical Pathophysiology II.                 | GYKGYH283E1A<br>GYKGYH128E2A                 |
| GYKGYI281E3A      | Pharmaceutical Technology III.             | 2,0                    | 8,0                     | 7         | end-term examination | obligatory | Pharmaceutical Technology II.                                                    | GYKGYI281E2A                                 |
| GYKGYI088E1A      | Biological Drugs                           | 2,0                    | 0,0                     | 2         | end-term examination | obligatory | Pharmaceutical Chem. and Anal. II. Pharmacology and Toxicology I. Biotechnology  | GYKGYK279E2A<br>GYKGYH283E1A<br>GYKGYI074E1A |
| GYKEGY286E1A      | Pharmacy Administration I.                 | 2,0                    | 0,0                     | 2         | end-term examination | obligatory | History of Pharmaceutics and Propedeutics Pharmaceutical Technology II.          | GYKFMG153E1A<br>GYKGYI281E2A                 |
| GYKETE131G1A      | Pharmacoeconomics                          | 0,5                    | 0,5                     | 1         | practical mark       | obligatory | Pharmacology and Toxicology I. Basics of Economy for Pharmacists Statistics      | GYKGYH283E1A<br>GYKEGY247E1A<br>GYKGYH282G1A |
| GYKTSI116G7A      | Physical Education VII.                    | 0,0                    | 1,0                     | 0         | signature            | criterion  | -                                                                                | -                                            |
| GYKFRM288E1A      | Semmelweis Symposium                       | 24/sem                 | 0                       | 0         | signature            | criterion  | -                                                                                | -                                            |
| <b>Total:</b>     |                                            | <b>13,5<br/>24/sem</b> | <b>20,5</b>             | <b>28</b> |                      |            |                                                                                  |                                              |
| GYSGYI300E1A      | Industrial pharmaceutical Technology I.    | 2                      | 0                       | 2         | practical mark       | elective   | Pharmaceutical Technology II. Pharmaceutical Chem. and Analysis II.              | GYKGYI281E2A<br>GYKGYK279E2A                 |
|                   | Work within the Union of Research Students | 0                      | 1                       | 1         | practical mark       | elective   | -                                                                                | -                                            |

| 8. semester       |                                                                             |                        |                         |           |                      |            |                                                                                      |                                              |
|-------------------|-----------------------------------------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|--------------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                                                     | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)                                                                      | Prerequisite(s) code                         |
| GYKGYH283E3A      | Pharmacology and Toxicology III.                                            | 3                      | 2                       | 6         | final*               | obligatory | Pharmacology and Toxicology II.                                                      | GYKGYH283E2A                                 |
| GYKGYI281E4A      | Pharmaceutical Technology IV.                                               | 2                      | 8                       | 10        | final*               | obligatory | Pharmaceutical Technology III.                                                       | GYKGYI281E3A                                 |
| GYKEGY286E2A      | Pharmacy Administration II.                                                 | 2                      | 2                       | 4         | final*               | obligatory | Pharmaceutical Technology III., Pharmacy Administration I.                           | GYKGYI281E3A<br>GYKEGY286E1A                 |
| GYKNEI287E1A      | Public Health                                                               | 2                      | 2                       | 4         | end-term examination | obligatory | Basic Medical Pathophysiology II., Dietetics                                         | GYKGYH128E2A<br>GYKGYI168E1A                 |
| GYKFMG092E1A      | Phytotherapy                                                                | 2                      | 0                       | 2         | end-term examination | obligatory | Pharmacognosy II.                                                                    | GYKFMG284E2A                                 |
| GYKSZD132G1A      | Diploma Work I.                                                             | 0                      | 2                       | 0         | signature            | criterion  | Pharmacology and Toxicology I.<br>Pharmaceutical Technology II.<br>Pharmacognosy II. | GYKGYH283E1A<br>GYKGYI281E2A<br>GYKFMG284E2A |
| GYKTSI116G8A      | Physical Education VIII.                                                    | 0                      | 1                       | 0         | signature            | criterion  | -                                                                                    | -                                            |
| <b>Total:</b>     |                                                                             | <b>11</b>              | <b>17</b>               | <b>26</b> |                      |            |                                                                                      |                                              |
| GYSGYI300E2A      | Industrial pharmaceutical Technology II.                                    | 2                      | 0                       | 2         | end-term examination | elective   | Pharmaceutical Technology III.<br>Industrial pharmaceutical Technology I.            | GYKGYI281E3A<br>GYSGYI300E1A                 |
| GYSGYH302E1A      | Preclinical and clinical neuropsychopharmacology and psychopharmacogenetics | 1                      | 0                       | 1         | end-term examination | elective   | Pharmacology and Toxicology I.                                                       | GYKGYH283E1A                                 |
|                   | Work within the Union of Research Students                                  | 0                      | 1                       | 1         | practical mark       | elective   | -                                                                                    | -                                            |

| 9. semester       |                                                        |                             |                                         |           |                      |            |                                                                                                    |                                              |
|-------------------|--------------------------------------------------------|-----------------------------|-----------------------------------------|-----------|----------------------|------------|----------------------------------------------------------------------------------------------------|----------------------------------------------|
| Neptun Subject ID | Subject                                                | Lecture<br>(hour/week)      | Pracitce<br>(hour/week)                 | Credit    | Examination          |            | Prerequisite(s)                                                                                    | Prerequisite(s) code                         |
| GYKANG133G1A      | Compulsory Practice Before the Board Exam I.           | 0                           | 40                                      | 8         | practical mark       | obligatory | Pharmacology and Toxicology III.,<br>Pharmaceutical Technology IV., Pharmacy<br>Administration II. | GYKGYH283E3A<br>GYKGYI281E4A<br>GYKEGY286E2A |
| GYKGYH250E1A      | Drug Therapy                                           | 2                           | 3                                       | 4         | end-term examination | obligatory | Pharmacology and Toxicology III.,<br>Pharmaceutical Technology IV., Phytotherapy                   | GYKGYH283E3A<br>GYKGYI281E4A<br>GYKFMG092E1A |
| GYKEGY096E1A      | Pharmaceutical Care                                    | 2                           | 3                                       | 4         | end-term examination | obligatory | Pharmacology and Toxicology III.,<br>Pharmaceutical Technology IV.                                 | GYKGYH283E3A<br>GYKGYI281E4A                 |
| GYKGYI251G1A      | Clinical Pharmacokinetics and Biopharmacy              | 2                           | 3                                       | 3         | end-term examination | obligatory | Pharmacology and Toxicology III.,<br>Pharmaceutical Technology IV.                                 | GYKGYH283E3A<br>GYKGYI281E4A                 |
| GYKMAG098G1A      | Pharmaceutical Communication and Integrated Consulting | 1                           | 2                                       | 2         | practical mark       | obligatory | Pharmacology and Toxicology III, Pharmacy<br>Administration I.                                     | GYKGYH283E3A<br>GYKEGY286E1A                 |
| GYKDEI099G1A      | Pharmaceutical informatics                             | 1                           | 1                                       | 1         | practical mark       | obligatory | Pharmaceutical Technology IV., Pharmacy<br>Administration I.                                       | GYKGYI281E4A<br>GYKEGY286E1A                 |
| GYKEGY093E1A      | Pharmaceutical management                              | 1                           | 1                                       | 2         | end-term examination | obligatory | Pharmacoeconomics                                                                                  | GYKETE131G1A                                 |
| GYKEGY100E1A      | Clinical Pharmaceutics                                 | 1.2                         | 1.2                                     | 1         | end-term examination | obligatory | Pharmacology and Toxicology III.,<br>Pharmaceutical Technology IV                                  | GYKGYH283E3A<br>GYKGYI281E4A                 |
| GYKMAG101E1A      | Pharmaceutical Ethics and Sociology                    | 1                           | 1                                       | 1         | end-term examination | obligatory | Pharmacology and Toxicology III., History of<br>Pharmaceutics and Prop.                            | GYKGYH283E3A<br>GYKFMG153E1A                 |
| GYKSZD132G2A      | Diploma Work II.                                       | 0                           | 5                                       | 0         | signature            | criterion  | Diploma Work I.                                                                                    | GYKSZD132G1A                                 |
| GYKTSI116G9A      | Physical Education IX.                                 | 0                           | 1                                       | 0         | signature            | criterion  | -                                                                                                  | -                                            |
| GYKGYI102G1A      | Drug Licensing                                         | 12/sem.                     | 12/sem.                                 | 1         | practical mark       | obligatory | Compulsory Practice Before the Board Exam I.                                                       | GYKANG133G1A                                 |
| GYKGYI103G1A      | Pharmacovigilance and pharmacoepidemiology             | 4/sem.                      | 4/sem.                                  | 1         | practical mark       | obligatory | Compulsory Practice Before the Board Exam I.                                                       | GYKANG133G1A                                 |
| GYKGYI104G1A      | Quality Assurance                                      | 4/sem.                      | 4/sem.                                  | 1         | practical mark       | obligatory | Compulsory Practice Before the Board Exam I.                                                       | GYKANG133G1A                                 |
| GYKGYI105G1A      | Druginnovation and clinical examinations               | 8/sem.                      | 8/sem.                                  | 1         | practical mark       | obligatory | Compulsory Practice Before the Board Exam I.                                                       | GYKANG133G1A                                 |
| <b>Total:</b>     |                                                        | <b>11.2<br/>28/semester</b> | <b>40/week<br/>21.2<br/>28/semester</b> | <b>30</b> |                      |            |                                                                                                    |                                              |
|                   | Work within the Union of Research Students             | 0                           | 1                                       | 1         | practical mark       | elective   | -                                                                                                  | -                                            |

| 10. semester      |                                                          |                        |                         |           |                      |            |                               |                      |
|-------------------|----------------------------------------------------------|------------------------|-------------------------|-----------|----------------------|------------|-------------------------------|----------------------|
| Neptun Subject ID | Subject                                                  | Lecture<br>(hour/week) | Pracitce<br>(hour/week) | Credit    | Examination          |            | Prerequisite(s)               | Prerequisite(s) code |
| GYKANG133G2A      | Compulsory Practice Before the Board Exam (4 months) II. | 0                      | 40                      | 16        | practical mark       | obligatory | Compulsory Practice I.        | GYKANG133G1A         |
| GYKSZD134E1A      | Diploma Defence                                          | 1                      | 0                       | 10        | final*               | obligatory | Diploma Work II.              | GYKSZD132G2A         |
| GYKANG071E2A      | Principles of professional ethics II.                    | 0                      | 0                       | 0         | signature            | criterion  | -                             | -                    |
| <b>Total:</b>     |                                                          | <b>1/semester</b>      | <b>40</b>               | <b>26</b> |                      |            |                               |                      |
| GYSGYI305E1A      | Pharmaceutical Compounding                               | 2                      | 0                       | 2         | end-term examination | elective   | Pharmaceutical Technology IV. | GYKGYI281E4A         |

\*Counts to the qualification of the diploma