**PREREQUISITES AND CO-REQUISITES**

**New study plan for the General Medicine program**

**(valid for students who enrolled on or after 1. 6. 2021)**

**An update for the academic year 2022/23**

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| **SUBJECT** | **Study year****Semester** | **PREREQUISITES** | **CO-REQUISITES** |
| **Biochemistry** | **2. WS + SS** | Cell |  Physiology |
| **Biology II** | **2. WS** | Biology I, Cell |   |
| **Czech III** | **2. WS** | Czech I and II | Czech IV |
| **Methodology of science and bioinformatics** | **2. WS** | Informatics and Biostatistics |   |
| **Nursing III** | **2. WS** | Nursing I and II | Nursing Practice I, Physiology  |
| **Physiology** | **2. WS + SS** | Biophysics, Cell, AHE | Biochemistry |
| **Bioethics and Psychology III** | **2. SS** | Bioethics and Psychology I and II |   |
| **Czech IV** | **2. SS** | Czech I a II | Czech III |
| **Microbiology I** | **2. SS** | Cell, Biology I, AHE | Biology II |
| **Nursing Practice I** | **2. SS** | Nursing I a II | Nursing III, Physiology |
| **Bioethics and Psychology IV** | **3. WS** | Bioethics and PsychologyIII |   |
| **Czech V** | **3. WS** | Czech III a IV | Czech V, Introduction to Clinical Medicine |
| **Immunology** | **3. WS** | Physiology |   |
| **Introduction to Clinical Medicine** | **3. WS + SS** | Physiology, Nursing III, Nursing Practice I | Pathological Physiology, Pathology |
| **Microbiology II** | **3. WS** | Microbiology I, Biology II |   |
| **Pathological Physiology** | **3. WS + SS** | Biology II, Biochemistry, Physiology | Introduction to Clinical Medicine, Pathology |
| **Pathology** | **3. WS + SS** | Biology II, Biochemistry, Physiology, Microbiology I | Introduction to Clinical Medicine, Pathological Physiology |
| **Czech VI** | **3. SS** | Czech III a IV | Czech V, Introduction to Clinical Medicine |
| **Epidemiology** | **3. SS** | Methodology of science and bioinformatics | Microbiology II |
| **Pharmacology I** | **3. SS** | Biochemistry, Physiology | Pathological Physiology |
| **Professional communication** | **3. SS** |  | Bioethics and PsychologyIV |
| **Nursing Practice II** | **3. SS** | Nursing III, Nursing Practice I | Introduction to Clinical Medicine |
| **Clinical Biochemistry** | **4** | Pathology, Pathological Physiology |   |
| **Clinical Genetics** | **4** | Pathology |   |
| **Clinical Microbiology** | **4** | Microbiology II, Immunology, Pathology |   |
| **Forensic Medicine** | **4** | Pathology, Pathological Physiology |   |
|  **Imaging Methods and Nuclear Medicine**  | **4** | Pathology |   |
| **Internal Medicine I** | **4** | Microbiology II, Immunology, Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Ophthalmology** | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Orthopaedics and Traumatology**  | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |    |
| **Otorhinolaryngology** | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Paediatrics I** | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Pharmacology II** | **4** | Pharmacology I, Pathological Physiology, Pathology |   |
| **Rehabilitation** | **4** | Pathological Physiology, Introduction to Clinical Medicine |   |
| **Specialised Training (K10)** | **4** | Introduction to Clinical Medicine |   |
| **Sports Medicine** | **4** | Pathological Physiology |   |
| **Stomatology** | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Surgery I** | **4** | Pathology, Pathological Physiology, Introduction to Clinical Medicine |   |
| **Summer Holidays Training I** | **4** | Introduction to Clinical Medicine |   |
| **Anesthesiology and Intensive Care** | **5** | Pharmacology II, Imaging Methods and Nuclear Medicine, Clinical Biochemistry, Clinical Microbiology, Surgery I, Internal Medicine I |   |
| **Cardiovascular medicine** | **5** | Internal Medicine I, Pharmacology II, Imaging Methods and Nuclear Medicine |   |
| **Dermatovenerology** | **5** | Pharmacology II |   |
| **Gynaecology and Obstetrics** | **5** | Pharmacology II, Clinical Biochemistry, Clinical Microbiology, Clinical genetics, Surgery I |   |
| **Infectious Diseases** | **5** | Pharmacology II, Clinical Microbiology, Internal Medicine I |   |
| **Internal Medicine II** | **5** | Internal Medicine I, Pharmacology II, Imaging Methods and Nuclear Medicine, Clinical Biochemistry, Clinical Microbiology |   |
| **Neurology** | **5** | Pharmacology II, Imaging Methods and Nuclear Medicine, Clinical Biochemistry, Clinical Microbiology, Clinical genetics |   |
| **Oncology** | **5** | Pharmacology II, Imaging Methods and Nuclear Medicine |   |
| **Paediatrics II** | **5** | Paediatrics I, Pharmacology II, Imaging Methods and Nuclear Medicine, Clinical genetics |   |
| **Practical Medicine**  | **5** | Internal Medicine I |   |
| **Psychiatry** | **5** | Pharmacology II |   |
| **Urology** | **5** | Surgery I, Imaging Methods and Nuclear Medicine |   |
| **Summer Holidays Training II** | **5** | Summer Holidays TrainingI |    |
| **Clinical Training (K40)** | **6** | Internal Medicine II, Surgery I, Summer Holidays TrainingII |   |
| **Internal Medicine III** | **6** | Internal Medicine II, Neurology, Cardiovascular medicine, Oncology, Infectious Diseases, Practical Medicine  |   |
| **Paediatrics III** | **6** | Paediatrics II, Infectious Diseases |   |
| **Public Health** | **6** | Practical Medicine  |   |
| **Surgery II** | **6** | Surgery I, Oncology, Urology, Orthopaedics, Cardiovascular medicine |   |