

PREREQUISITES – GENERAL MEDICINE (version 2025)

The relationship between two subjects at the Faculty of Medicine and Dentistry can be:

- indifferent** – without prerequisites or other binding conditions
- requiring registration** – the student can sign up for the given subject concurrently or after the prior completion of a prerequisite
- requiring a prerequisite** – the student may sign up for the subject only after having completed the prerequisite

In the 2025/2026 academic year the above mentioned study plan is valid for the 1st year students only.

1st YEAR

Obligatory subjects	Requiring registration	Requiring a prerequisite
Biology	–	–
First Aid	–	–
Medical Biophysics, Biometrics & Computer Technology	–	–
Czech 1	–	–
Latin & Medical Terminology	–	–
Anatomy 1 (+ Dissection Course 1)	–	–
Basic Procedures in Healthcare 1,2	–	–
Communication with a Patient in Praxis	–	–
Histology & Embryology 1	–	–
Biochemistry 1	–	–
Anatomy 2 (+ Dissection Course 2)	Anatomy 1 (+ Dissection Course 1,2)	–
Elective subjects – practice		
Basic Procedures in Healthcare – Clinical Practice	Basic Procedures In Healthcare 1,2	–
Elective subjects – professional		
Radiological Images of Normal Structures 1	Anatomy 1	–
Radiological Images of Normal Structures 2	Anatomy 1,2	–
Optional subjects		
Europe: User's Guide	–	–
Basic Biochemical Terms & Calculations	–	–

2nd YEAR

Obligatory subjects	Requiring registration	Requiring a prerequisite
Physiology 1,2	–	all 1 st year subjects
Histology & Embryology 2	–	
Introduction to Clinical Medicine 1	Physiology 1 Histology & Embryology 2	
Biochemistry 2	–	
Medical Psychology 1,2	–	
Czech 2	–	
Introduction to Laboratory Medicine	–	
Pathology 1	–	
Pathological Physiology 1	–	
Basic Communication Ethics for Praxis	–	
Social Determinants of Health & Ethics	–	
Basic of Dentistry	–	
Elective subjects – professional	Requiring registration	
Clinical & Topographical Anatomy	–	Anatomy 1,2
Optional subjects	Requiring registration	Requiring a prerequisite
Basic Histochemistry	Histology & Embryology 2	Histology & Embryology 1
3D Printing in Medicine	–	–
DNA Profiling & Its Forensic Interpretation	–	Biology

3rd YEAR

Obligatory subjects	Requiring registration	Requiring a prerequisite
Epidemiology	Pathology 2 Microbiology 1 Internal Medicine 1	Social Determinants of Health & Ethics
Czech 3	–	Czech 2
Pharmacology 1,2	Pathology 1,2 Histology & Embryology 2 Microbiology 1,2	Biochemistry 2 Physiology 1,2
Internal Medicine 1	Introduction to Clinical Medicine 2	Introduction to Clinical Medicine 1 Biochemistry 2 Czech 2 Histology & Embryology 2 Physiology 1,2
Microbiology 1,2	–	Biochemistry 2 Histology & Embryology 2 Physiology 1,2
Pathology 2	–	Pathology 1 Czech 2 Histology & Embryology 2
Pathological Physiology 2	–	Pathological Physiology 1 Biochemistry 2 Czech 2 Histology & Embryology 2 Physiology 1,2
Introduction to Clinical Medicine 2	–	Introduction to Clinical Medicine 1 Biochemistry 2 Histology & Embryology 2 Latin & Medical Terminology Physiology 1,2
Immunology	Pharmacology 1 Microbiology 1	Pathological Physiology 1 Physiology 1,2
Elective subjects	Requiring registration	Requiring a prerequisite
Selected Chapters from Sports Medicine	–	–
Optional subjects	Requiring registration	Requiring a prerequisite
Microbiome & Its Role in the Human Body	Microbiology 2	Biochemistry 2 Microbiology 1
Molecular Pathology	Pathology 1,2	Histology & Embryology 2 Czech 2

4th YEAR

Obligatory subjects	–	Requiring a prerequisite
Basics of Digital Medicine	–	Pathological Physiology 2 Pathology 2
Surgery 1	Epidemiology Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2	Czech 3 Pathological Physiology 2 Pathology 2
Infectious Diseases	–	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 1,2 Medical Psychology 2 Pathological Physiology 2 Pathology 2 Pharmacology 1,2
Internal Medicine 2	Microbiology 1,2 Immunology Epidemiology	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 1,2 Medical Psychology 2

		Pathological Physiology 2 Pathology 2 Pharmacology 1,2
Dermatology & Venereology	Czech 3 Epidemiology Introduction to Clinical Medicine 2 Immunology Pharmacology 1,2	Microbiology 2 Pathological Physiology 2 Pathology 2
Medical Genetics	Czech 3 Epidemiology Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2	Pathological Physiology 2 Pathology 2
Clinical Rehabilitation	–	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 1,2 Pathological Physiology 2 Pathology 2
Ophthalmology	Epidemiology Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pathological Physiology 2 Pathology 2 Pharmacology 1,2	–
Otorhinolaryngology	Surgery 1	Czech 3 Pathological Physiology 2 Pathology 2
Orthopedics	Radiology & Nuclear Medicine Surgery 1 Internal Medicine 2 Occupational Medicine	Introduction to Clinical Medicine 2 Neurology Pharmacology 2
Occupational Medicine	Epidemiology Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2	Pathological Physiology 2 Pathology 2
Public Health	Forensic Medicine & Medical Law Internal Medicine 2	Pharmacology 2 Epidemiology
Public Health SRE	Public Health Forensic Medicine & Medical Law	Epidemiology
Radiology & Nuclear Medicine	Epidemiology Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2	Pathological Physiology 2 Pathology 2
Forensic Medicine & Medical Law	–	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Pathological Physiology 2 Pathology 1,2 Pharmacology 1,2 Epidemiology
Traumatology	Epidemiology Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2	–

	Immunology Microbiology 1,2 Pharmacology 1,2	
Exercise Medicine	–	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 1,2 Pathological Physiology 2 Pathology 2
Urology	Surgery 1	Pathological Physiology 2 Pathology 2
Surgery – Clinical Training	Epidemiology Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2 Surgery 1	Pathological Physiology 2 Pathology 2
Elective subjects – professional	Requiring registration	Requiring a prerequisite
Communication Skills for Challenging Medical Situations	Introduction to Clinical Medicine 2	Basic Communication Ethics for Praxis
Clinical Cases of Antibiotic Therapy	–	Microbiology 2 Pharmacology 1
Clinical Cases of Viral Infections	–	Microbiology 2 Pharmacology 1
Interpretation of Imaging Methods Findings	Radiology & Nuclear Medicine	Pathological Physiology 2 Pathology 2
Clinical Biophysics	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pathological Physiology 2 Pathology 2 Pharmacology 1,2 Epidemiology	–
Basic Procedures in Healthcare 3 – Clinical Practice	–	Basic Procedures In Healthcare 1,2 Basic Procedures In Healthcare – Clinical Practice
Biological Treatment – Theory & Practice	–	Immunology Introduction to Clinical Medicine 2
Laboratory Diagnostics in Clinical Practice	–	Biochemistry 1,2 Pathological Physiology 2
Optional subjects	Requiring registration	Requiring a prerequisite
Czech for Medical Communication	Czech 3	–
Basics of Surgical Sutures	–	Surgery 1
Basics of Burns	–	Surgery 1
Rare Diseases–Cases from Genetic Clinic	–	Medical Genetics
Management of ATB Treatment According to Antibiotic Stewardship	–	Microbiology 2 Pharmacology 1
Seminars in Pathophysiology	–	Pathological Physiology 2
Practical Sonography	–	Pathological Physiology 2 Pathology 2
Fractures in Children	–	Internal Medicine 1 Microbiology 2 Pathological Physiology 2 Pathology 2
Modern Biologic & Hormonal Pharmacotherapy	Pharmacology 2	Pharmacology 1 Microbiology 2 Pathological Physiology 2
Animal Models of Human Diseases	–	Biology
Actual Epidemiological Situation in the Occurrence of Infectious & Non–Infectious Diseases in Selected	–	Internal Medicine 1 Microbiology 2

Countries		
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5th YEAR

Obligatory subjects	Requiring registration	Requiring a prerequisite
Pediatrics	–	Microbiology 2 Pharmacology 2
Internal Medicine 3	–	Pharmacology 2 Internal Medicine 2
Anesthesia & Intensive Care	Emergency Medicine	Surgery 1 Pharmacology 2
Neurology	Epidemiology Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 1,2 Pharmacology 1,2	Czech 3 Pathological Physiology 2 Pathology 2
Neurosurgery	–	Introduction to Clinical Medicine 1,2 Surgery 1
Oncology	Czech 3 Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Epidemiology	Pathological Physiology 2 Pathology 2 Pharmacology 2 Microbiology 2 Medical Psychology 1,2
Psychiatry	Internal Medicine 1 Introduction to Clinical Medicine 2 Immunology Microbiology 2 Pharmacology 1,2 Epidemiology	Czech 3 Pathological Physiology 2 Pathology 2 Medical Psychology 1,2
Emergency Medicine	–	Surgery 1
Mandatory Clinical Training in Selected Medical Specialties	–	Surgery – Clinical Training
Elective subjects – professional	Requiring registration	Requiring a prerequisite
Consultation for State Exam in Oncology	Oncology SRE Oncology	Pathological Physiology 2 Pathology 2 Pharmacology 2 Microbiology 2 Medical Psychology 1,2
Clinical Pharmacology	Pharmacology 2	Pharmacology 1 Pathological Physiology 2
Elective subjects – SRE	Requiring registration	Requiring a prerequisite
Pediatrics SRE	Pediatrics	Microbiology 2 Pharmacology 2
Oncology SRE	Oncology Consultation for State Exam in Oncology	Pathological Physiology 2 Pathology 2 Pharmacology 2 Microbiology 2 Medical Psychology 1,2
Elective subjects – exam in Pediatrics	Requiring registration	Requiring a prerequisite
Exam in Pediatrics	Pediatrics	Microbiology 2 Pharmacology 2
Pediatrics SRE	Pediatrics	Microbiology 2 Pharmacology 2
Elective subjects – exam in Oncology	Requiring registration	Requiring a prerequisite
Exam in Oncology	Oncology	Microbiology 2 Pharmacology 2
Oncology SRE	Oncology Consultation for State Exam in Oncology	Pathological Physiology 2 Pathology 2 Pharmacology 2 Microbiology 2 Medical Psychology 1,2
Optional subjects	Requiring registration	Requiring a prerequisite

Oncological Emergencies	Oncology	Internal Medicine 1,2 Introduction to Clinical Medicine 1,2
Hand & Wrist Surgery	–	Surgery 1
Advanced Trauma Life Support Principles	–	Surgery 1
Psychiatry & Psychotherapy in the Movies	Psychiatry	Medical Psychology 2

6th YEAR

Obligatory subjects	Requiring registration	Requiring a prerequisite
Surgery 2	–	Surgery 1
Surgery SRE	Surgery 2	Surgery 1 Surgery – Clinical Training
Internal Medicine 4	–	Internal Medicine 3
Internal Medicine SRE	Internal Medicine 4	Internal Medicine 3
Gynecology and Ostetrics	–	Surgery 1
Acute Conditions in Medicine	Pediatrics	Internal Medicine 3 Neurology Surgery 1 Pharmacology 2 Radiology & Nuclear Medicine Microbiology 2 Anesthesia & Intensive Care
Primary Care	Surgery – Clinical Training	Internal Medicine 3
Elective subjects – SRE	Requiring registration	Requiring a prerequisite
Gynecology and Ostetrics SRE	Gynecology and Ostetrics	Surgery 1
Elective subjects – exam in Gynecology & Ostetrics	Requiring registration	Requiring a prerequisite
Exam in Gynecology and Ostetrics	Gynecology and Ostetrics	Surgery 1
Gynecology and Ostetrics SRE	Gynecology and Ostetrics	Surgery 1

Surgery