**STUDY PLAN**

GENERAL MEDICINE

**COURSES OFFERED TO INCOMING EXCHANGE STUDENTS**

Please note that in case the course is offered as a lecture and a practice, it is not possible to take only the lecture; you have to take the both parts (the practice and lecture) or the practice only.

THE FIRST YEAR – 1st semester

Examinations are allowed to be taken during the examination period only and are conditional upon obtaining course unit credits from the given practices and seminars.

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLAN0121s | **Anatomy I – seminar** | 2 | Autumn | credit | 45 |
| aVLAN0121p | **Anatomy I – lecture** | 2 | Autumn | credit | 45 |
| aVLAN0121c | **Anatomy I – dissection** | 2 | Autumn | credit | 20 |
| aVLAN0121t | **Anatomy I – practice** | 1 | Autumn | credit | 6 |
| aVLBF011c | **Biophysics – practice** | 4 | Autumn | credit | 60 |
| aVLBF011p | **Biophysics – lecture** | 6 | Autumn | exam | 45 |
| aVLBI0121c | **Medical Biology I – practice** | 3 | Autumn | credit | 45 |
| aVLBI0121p | **Medical Biology I – lecture** | 1 | Autumn | credit | 30 |
| aVLOZ0141c | **Public Health I – practice** | 1 | Autumn | credit | 15 |
| aVLOZ0141p | **Public Health I – lecture** | 1 | Autumn | colloquium | 15 |
| aVLLT0121s | **Basic Medical Terminology I – seminar** | 2 | Autumn | credit | 30 |
| aVLPO011c | **First Aid – practice** | 1 | Autumn | credit | 15 |
| aVLPO011p | **First Aid – lecture** | 2 | Autumn | colloquium | 15 |
| aVLCJ0181 | **Czech Language for Foreigners I – practice** | 1 | Autumn | credit | 45 |

**THE FIRST YEAR – 2nd semester**

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLAN0222c | **Anatomy II – dissection** | 2 | Spring | credit | 40 |
| aVLAN0222s | **Anatomy II – seminar** | 3 | Spring | credit | 45 |
| aVLAN0222p | **Anatomy II – lecture** | 5 | Spring | exam | 45 |
| aVLAN0222t | **Anatomy II – practice** | 1 | Spring | credit | 9 |
| aVLBI0222c | **Medical Biology II – practice** | 3 | Spring | credit | 45 |
| aVLBI0222p | **Medical Biology II – lecture** | 3 | Spring | exam | 30 |
| aVLHE0221c | **Histology and Embryology I – practice** | 2 | Spring | credit | 45 |
| aVLHE0221p | **Histology and Embryology I – lecture** | 2 | Spring | credit | 30 |
| aVLET021p | **Medical Ethics I – lecture** | 1 | Spring | colloquium | 15 |
| aVLLT0222s | **Basic Medical Terminology II- seminar** | 4 | Spring | exam | 30 |
| aVLCJ0282 | **Czech Language for Foreigners II – practice** | 2 | Spring | exam | 45 |

THE SECOND YEAR – 3rd semester

Examinations are allowed to be taken during the examination period only and are conditional upon obtaining course unit credits from the given practices and seminars.

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLBC0321p | **Biochemistry I – lecture** | 3 | Autumn | credit | 45 |
| aVLBC0321s | **Biochemistry I – seminar** | 7 | Autumn | credit | 60 |
| aVLFY0321c | **Physiology I – practice** | 3 | Autumn | credit | 45 |
| aVLFY0321p | **Physiology I – lecture** | 3 | Autumn | credit | 45 |
| aVLFY0321s | **Physiology I – seminar** | 2 | Autumn | credit | 15 |

**THE SECOND YEAR – 4th semester**

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLLM0421c | **Medical Microbiology I – practice** | 3 | Spring | credit | 45 |
| aVLLM0421p | **Medical Microbiology I – lecture** | 1 | Spring | credit | 15 |
| aVLBC0422c | **Biochemistry II – practice** | 2 | Spring | credit | 45 |
| aVLBC0422p | **Biochemistry II – lecture** | 4 | Spring | exam | 30 |
| aVLBC0422s | **Biochemistry II – seminar** | 3 | Spring | credit | 45 |
| aVLBC0422t | **Biochemistry II Laboratory Medicine - seminar** | 2 | Spring | credit | 19,5 |
| aVLFY0422c | **Physiology II – practice** | 3 | Spring | credit | 45 |
| aVLFY0422p | **Physiology II – lecture** | 5 | Spring | exam | 60 |
| aVLFY0422s | **Physiology II – seminar** | 2 | Spring | credit | 22.5 |
| aVLLP0431 | **Clinical Introduction I – Basic Skills – practice** | 2 | Spring | credit | 34.5 |

**THE THIRD YEAR – 5th semester**

Examinations are allowed to be taken during the examination period only and are conditional upon obtaining course unit credits from the given practices and seminars.

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLLP0532c | **Clinical Introduction II – practice** | 5 | Autumn | credit | 105 |
| aVLIM051c | **Immunology – practice** | 2 | Autumn | credit | 30 |
| aVLIM051p | **Immunology – lecture** | 3 | Autumn | exam | 15 |
| aVLPA0521c | **Pathology I – practice** | 3 | Autumn | credit | 60 |
| aVLPA0521p | **Pathology I – lecture** | 2 | Autumn | credit | 45 |
| aVLPF0521c | **Pathophysiology I – practice** | 2 | Autumn | credit | 45 |
| aVLPF0521p | **Pathophysiology I – lecture** | 2 | Autumn | credit | 30 |
| aVLPS051c | **Medical Psychology and Psychosomatics - practice** | 2 | Autumn | credit | 45 |
| aVLPS051p | **Medical Psychology and Psychosomatics - lecture** | 3 | Autumn | exam | 15 |

**THE THIRD YEAR – 6th semester**

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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLLP0633c | **Clinical Introduction III – practice** | 5 | Spring | exam | 105 |
| aVLPA0622c | **Pathology II – practice** | 3 | Spring | credit | 60 |
| aVLPA0622p | **Pathology II – lecture** | 4 | Spring | exam | 45 |
| aVLPF0622c | **Pathophysiology II – practice** | 2 | Spring | credit | 45 |
| aVLPF0622p | **Pathophysiology II – lecture** | 3 | Spring | exam | 30 |
| aVLOZ0642c | **Public Health II – practice** | 1 | Spring | credit | 30 |
| aVLOZ0642p | **Public Health II – lecture** | 2 | Spring | exam | 7.5 |
| aVLTZ0631 | **Theoretical Bases of Clinical Medicine I – seminar** | 3 | Spring | credit | 45 |

**THE FOURTH YEAR – 7th and 8th semesters**

Examinations may be takenaftercompletion of the prescribed instruction in the respective course also in the course of the semester.

**7TH SEMESTER**

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| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLFA0721c | **Pharmacology I – practice** | 2 | Autumn | credit | 45 | - |
| aVLFA0721p | **Pharmacology I – lecture** | 2 | Autumn | colloquium | 30 | - |
| aVLCH0731c | **Surgery I – practice** | 2 | Autumn | credit | 60 | 2 |
| aVLCH0731p | **Surgery I – lecture** | 1 | Autumn | credit | 15 | - |
| aVLTZ0732 | Theoretical Bases of Clinical Medicine II | 2 | Autumn | credit | 45 | - |



8TH SEMESTER

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| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLCH0832c | **Surgery II – practice** | 3 | Spring | credit | 60 | 2 |
| aVLCH0832p | **Surgery II – lecture** | 1 | Spring | credit | 15 | - |
| aVLFA0822c | **Pharmacology II – practice** | 2 | Spring | credit | 45 | - |
| aVLFA0822p | **Pharmacology II – lecture** | 3 | Spring | exam | 30 | - |
| aVLTZ0833 | Theoretical Bases of Clinical Medicine III | 4 | Spring | exam | 45 | - |

\*Courses with stated number of weeks in this column have the so-called block timetable, therefore are taught only during the given number of weeks. The number of weeks in selected courses cannot be higher than 15.

7TH OR 8TH SEMESTER

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLDI7X1c | **Diagnostic Imaging Methods – practice** | 2 | Autumn/Spring | credit | 60 | 2 |
| aVLDI7X1p | **Diagnostic Imaging Methods – lecture** | 3 | Autumn/Spring | exam | 15 | - |
| aVLIN7X21c | **Infectious Diseases I – practice** | 2 | Autumn/Spring | credit | 30 | 1 |
| aVLKG7X1c | **Clinical Genetics – practice** | 1 | Autumn/Spring | credit | 15 | 1 |
| aVLKG7X1p | **Clinical Genetics – lecture** | 1 | Autumn/Spring | colloquium | 18 | - |
| aVLOR7X1 | **Orthopaedics and Rehabilitation – practice** | 2 | Autumn/Spring | credit | 30 | 1 |
| aVLPD7X31c | **Paediatrics I – practice** | 2 | Autumn/Spring | credit | 45 | 2 |
| aVLPD7X31p | **Paediatrics I – lecture** | 1 | Autumn/Spring | credit | 15 | - |
| aVLSD7X1c | **Forensic Medicine – practice** | 1 | Autumn/Spring | credit | 30 | 1 |
| aVLSD7X1p | **Forensic Medicine – lecture** | 2 | Autumn/Spring | exam | 21 | - |
| aVLST7X1c | **Stomatology – practice** | 1 | Autumn/Spring | credit | 15 | 1 |
| aVLST7X1p | **Stomatology – lecture** | 2 | Autumn/Spring | exam | 15 | - |
| aVLVL7X61c | **Internal Medicine – block 1** (Occupational Medicine, Functional Diagnostics and Rehabilitation, Geriatrics) | 3 | Autumn/Spring | credit | 60 | 2 |
| aVLDV7X1c | **Dermatovenerology – practice** | 1 | Autumn/Spring | credit | 34.5 | 2 |
| aVLDV7X1p | **Dermatovenerology – lecture** | 2 | Autumn/Spring | exam | 4.5 | - |
| aVLOL7X1c | **Ophthalmology - practice** | 2 | Autumn/Spring | credit | 45 | 2 |
| aVLOL7X1 | **Ophthalmology** (lecture) | 3 | Autumn/Spring | exam | – | - |
| aVLOT7X1c | **Otorhinolaryngology – practice** | 2 | Autumn/Spring | credit | 45 | 2 |
| aVLOT7X1p | **Otorhinolaryngology – lecture** | 2 | Autumn/Spring | exam | 15 | - |

\*Courses with stated number of weeks in this column have the so-called block timetable, therefore are taught only during the given number of weeks. The number of weeks in selected courses cannot be higher than 15.

**THE FIFTH YEAR – 9th and 10th semesters**

Examinations may be takenaftercompletion of the prescribed instruction in the respective course also in the course of the semester.

**9TH SEMESTER**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLPD0932c | **Paediatrics II – practice** | 2 | Autumn | credit | 30 | 1 |
| aVLPD0932p | **Paediatrics II – lecture** | 0 | Autumn | credit | 15 | - |
| aVLOZ0943c | **Public health III – practice** | 2 | Autumn | credit | 15 | 1 |
| aVLOZ0943p | **Public health III – lecture** | 0 | Autumn | credit | 22.5 | - |
| aVLDD91CH | **Differential diagnostics I – Surgery** | 2 | Autumn | credit | 20 | 1 |
| aVLCH091 | **Surgery** | 3 | Autumn | exam | - | - |

\*Courses with stated number of weeks in this column have the so-called block timetable, therefore are taught only during the given number of weeks. The number of weeks in selected courses cannot be higher than 15.

**10TH SEMESTER**

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| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLPD1033c | **Paediatrics III – practice** | 4 | Spring | exam | 30 | 1 |
| aVLVL101 | **Internal medicine – lecture** | 4 | Spring | exam | - | - |
| aVLOZ1044 | **Public health IV – lecture** | 2 | Spring | credit | 22.5 | 1 |

\*Courses with stated number of weeks in this column have the so-called block timetable, therefore are taught only during the given number of weeks. The number of weeks in selected courses cannot be higher than 15.

**9TH OR 10TH SEMESTER**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** | ***No. weeks (block timetable)\**** |
| aVLAM9X1c | **Intensive Care Medicine – practice** | 1 | Autumn/Spring | credit | 30 | 2 |
| aVLAM9X1p | **Intensive Care Medicine – lecture** | 3 | Autumn/Spring | exam | 30 | - |
| aVLCH9X33c | **Surgery III – practice** | 3 | Autumn/Spring | credit | 90 | 3 |
| aVLIN9X22c | **Infectious Diseases II – practice** | 1 | Autumn/Spring | credit | 30 | 1 |
| aVLIN9X22p | **Infectious Diseases II** (lecture) | 1 | Autumn/Spring | exam | - | - |
| aVLNE9X1c | **Neurology – practice \*** | 3 | Autumn/Spring | credit | 90 | 3 |
| aVLNE9X1p | **Neurology – lecture** | 4 | Autumn/Spring | exam | 30 | - |
| aVLON9X1c | **Clinical Oncology – practice** | 2 | Autumn/Spring | credit | 60 | 2 |
| aVLON9X1p | **Clinical Oncology – lecture** | 3 | Autumn/Spring | exam | 15 | - |
| aVLPG9X1 | **Gynecology and Obstetrics** | 5 | Autumn/Spring | credit | 45 – lectures  90 - practice | 3 |
| aVLVL9X62c | **Internal Medicine – block 2**  (Pneumology) | 2 | Autumn/Spring | credit | 24 | 1 |
| aVLVL9X63c | **Internal Medicine – block 3**  (Nephrology, Diabetology, Rheumatology, and Endocrinology) | 3 | Autumn/Spring | credit | 48 | 2 |
| aVLVL9X64c | **Internal Medicine – block 4**  (Gastroenterology and Haematology) | 3 | Autumn/Spring | credit | 48 | 2 |
| aVLVL9X65c | **Internal Medicine – block 5**  (Cardiology and Angiology) | 3 | Autumn/Spring | credit | 48 | 2 |

\*Courses with stated number of weeks in this column have the so-called block timetable, therefore are taught only during the given number of weeks. The number of weeks in selected courses cannot be higher than 15.

\* We recommend taking both the practice and lecture, as the materials from the lecture will be needed during practices.

OBLIGATORY ELECTIVE COURSES\*\*

|  |  |  |  |  |  |
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| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLKB091 | **Clinical Biochemistry – practice** | 3 | Autumn | colloquium | 30 |
| aVLFP091 | **Physiology and Pathology of Newborn** | 3 | Autumn | colloquium | 30 |
| aVLAL091 | **Anaesthesiology and Treatment of Pain** | 3 | Autumn | colloquium | 30 |
| aVLDO091 | **Clinical Training in Paediatric Oncology** | 3 | Autumn | colloquium | 30 |
| aVLAF091 | **Applied and Clinical Pharmacology** | 3 | Autumn | colloquium | 30 |
| aVLMO051 | **Molecular and Cellular Pathophysiology** | 3 | Autumn | credit | 30 |
| aVLNR09X | **Neurosurgery** | 3 | Autumn | credit | 30 |
| aVLPU09X | **Practical Urology** | 3 | Autumn | credit | 20 |
| aVLAP111 | **Practical Skills in Acute Patient** | 3 | Spring | credit | 45 |

\*\* the courses may be scheduled at the same time; therefore, we recommend students to be enrolled only in one of them

ELECTIVE COURSES\*\*\*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Code*** | ***Subject*** | ***Credits*** | ***Term*** | ***Ending*** | ***Hours total*** |
| aVLIL021 | **Information Literacy** | 3 | Autumn/Spring | credit | e-learning |
| aVLMB031 | **Modern Imaging and Analytical Methods in Cellular Biology and Immunology** | 3 | Autumn | credit | 15 |
| aVLLS031 | **Anatomy of Human Locomotor System** | 3 | Autumn | credit | 37,5 |
| aVLNA03 | **Anatomy of the Nervous System** | 3 | Autumn/Spring | credit | 37,5 |
| aVLVO031 | **Anatomy of the Human Visceral Organs** | 3 | Autumn | credit | 37,5 |
| aVLDL071x | **Diagnosis and Treatment in Orthopaedics incl. Aspects of Spine Surgery** | 3 | Autumn/Spring | credit | 10 |
| aVLPM051 | **Law in Medicine** | 2 | Autumn | credit | 30 |
| aVLMD021 | **Mindfulness for Life** | 2 | Autumn/Spring | credit | 8 |
| aVLMS01 | **MUNI Mindful Minds** | 2 | Autumn/Spring | credit | 8 |
| aVLGH021 | **Global Health** | 3 | Spring | credit | 12 |
| aVLKR081 | **Clinical Radiology** | 2 | Spring | credit | 20 |
| aVLPI101 | **Palliative Care in the Intensive Care Unit** | 3 | Spring | credit | 15 |

\*\*\*Please note that elective courses might not open in specific semesters due to various reasons.