List of Erasmus courses 2024-2025

 $\underline{Years\ 1st-3rd} \ \ \text{(courses mostly for the whole semester taking place once or twice per week)} - \text{Erasmus students are always with students of AP}.$

Courses	Code	ECTS	Year	Duration	Sem.	Limit	Exam
Anatomy	B83004	13	1	4+3/w 4+3/w	WS+SS	5	Е
Anatomy Dissections 1	B83005	3	1	27hrs.	WS	6	Х
Anatomy Dissections 2	B82240	4	1	31hrs.	SS	6	X
Basic Immunology	B83123	4	2	1/w	SS	10	Е
Basic Medical Terminology	B80363	4	1	0+2/w 0+2w	WS+SS	12	Е
Biology and Genetics 1	B83009	7	1	2+2/w	SS	10	X
Biology and Genetics 2	B83121	11	2	2+3/w	WS	10	Е
Bioethics 1	B81100	1	3	0+1/w	WS	7	X
Biophysics and Medical Physics	B80003	8	1	2+4/w	WS	2	Е
First Aid, Meeting with the Clinicians	B83010	2	1	0+2/w	WS	3	X
Histology and General Embryology	B83006	12	1	2+3/w 2+3/w	WS+SS	6	Е
Hygiene and Epidemiology	B83151	2	3D	42 hrs	WS	10	Е
Integrated Block Microbiology/Pathology	B80054	2	3	25 hrs	WS	5	X
Medical Informatics	B80364	2	1	1+1/w	SS	1	X
Medical Psychology and Psychotherapy	B83160	5	3	2+2/w 2+3w	WS+SS	6	Е
Microbiology 1	B83122	6	2	2+2/w	SS	5	X
Microbiology 2	B83163	5	3	2+2/w	WS	5	Е
Pathobiochemistry 1 - Inherited Metabolic					WS	5	Е
Disorders	B82431	2	3	15hrs			
Pathobiochemistry 2 - Molecular Oncology	B82432	2	3	15hrs	WS	5	Е
Pathobiochemistry 3 - Biochemical Disorders	B82433	2	3	15hrs	WS	10	Е
Pathology	B83162	13	3	4+4/w 4+4/w	WS+SS	10	E
Pathophysiology	B83161	13	3	4+3/w 2+3/w	WS+SS	6	Е
Patient Care	B83376	3	2	2+3/w	WS+SS	3	E
Pharmacology 1	B83164	4	3	2+3/w	SS	12-14	X
Physical Education 2	B00494	1	2	0+2/w 0+2/w	WS/SS	7/7	X
Physiology	B83119	14	2	5+4/w 6+4w	WS+SS	4	E
Propaedeutics in Internal Medicine	B80632	4	3	2+3/w	WS	4	Е
Propaedeutics in Surgery	B80634	4	3	2+3/w	WS	5	E
Propadeutics imaging methods	B82925	2	3	0+1/w	WS	5	E

 $\underline{Years\ 4th-6th}$ (organized as block courses)

Courses	Codes	Sem.	ECTS	Year	Duration	Group	Limit	Exam
Anaesthesiology and Emer-		WS/SS1						Е
gency Medicine	B80124		3	5	2 weeks	Eras	16/16	
Bioethics 2	B80629	WS	2	4	1 week	AP	7	E
Clinical Biochemistry	B80114	WS	2	5/6	1 week	AP	7	Е
Clinical Genetics	B81311	WS	2	4	1 week	AP	4/group	Х
Clinical Immunology	B80033	WS	2	4	1 week	AP	16	Е
Clinical Topographic Anatomy	B81312	WS	3	4	36 hrs	AP	1	E
Dermatovenerology	B80080	SS	3	4	2 weeks	Eras	15	₽
Forensic Medicine								
	B80126	WS	2	4	1 week	AP	16	E

¹ Provided that there are enough applicants, the course can open in both semestres.

Gynaecology and Obstetrics								
(Bulovka)	B80119	WS/SS	3	5	2 weeks	Eras	5/group	(E) X
Gynaecology and Obstetrics -		SS						X
Clerkship (Apolinar)	B83387		11	6	5 weeks	AP	10	
Infectious Diseases	B80121	WS/SS	4	4	3 weeks	AP	5/5	E
Neurology	B80762	WS	6	5	4 weeks	AP	40	E
Neurosurgery	B80118	WS	3	5	2 weeks	Eras	20	Е
Nuclear Medicine	B80078	WS	2	4	1 week	AP	20	Е
Occupational Diseases and		WS						Е
Toxicology	B80113		2	4	1 week	AP	12	
Oncology	B80120	WS	3	5	2 weeks	AP	20	E
Ophthalmology	B80122	WS/SS	3	4	2 weeks	Eras	30/30	E
Otorhinolaryngology	B80123	SS	3	4	2 weeks	Eras	20	Е
		SS					8 Bulovka	Е
							8 Motol	
Orthopaedic Surgery	B80116	WS	3	4	2 weeks	AP	WS Motol	
Paediatrics	B81057	₩S	14	6	7 weeks	AP	2	Ē
Pharmacology 2	B80386	WS	3	4	2+2/w	AP	12-14	E
Primary Care 1	B80791	WS	2	4	1 week	AP	8	X
		WS/SS				AP (WS)		Х
						Eras		
Primary Care 2	B80402		2	6	2 weeks	(SS)	8	
Psychiatry	B80760	WS	6	5	4 weeks	Eras	24/group	E
5	B83154	WS	2	3D	45 hrs	AP	7	Е
Public Health and Medical Law	B81052	14/0	4	6	2 weeks	-		
Radiology	B80098	WS	2	4	1 week	Eras	20	E
Rehabilitation Medicine	B80128	WS	2	4	1 week	AP	16	X
Stomatology	B80082	WS	2	4	1 week	AP	20	E
Surgery - Clerkship ²	B81055	WS/SS	11	6	6 weeks	Eras	14	X
Surgery – Clinic ²	B82105	WS/SS	9	4	5 weeks	Eras	10	Χ
Cardiovascular surgery	-	WS/SS	2	-	1 week	Eras	8/group	Х
Plastic surgery	-	WS/SS	2	-	1 week	Eras	5/group	Х
Urology	B80613	WS/SS	3	6/4	2 weeks	Eras	6/group	E

<u>Internal medicine</u> for years 4th – 6th (week blocks) – please note that intern. med. here is not only one subject, so you need to specify in your application, which subjects you are interested in.

Courses	Codes	ECTS	Sem.	Year	Duration	group	Limit	Exam
Cardiovascular Medicine	B83007	6	WS	5	3 weeks	Eras	20	Х
Endocrinology and Metabolism	B80305	5	SS	5	3 weeks	AP	3/group	Х
Gastroenterology	B80304	5	SS	5	3 weeks	AP	4/group	Χ
Geriatrics	B80602	2	WS	5	1 week	Eras	15-20	X
Haematology	B80307	3	SS	5	2 weeks	AP	5/group	Χ
Nephrology	B80410	3	WS	5	2 weeks	Eras	12	Χ
Pneumology	B83607	2	WS	5	2 weeks	AP	2/group	Χ
Rheumatology	B80579	2	SS	5	1 week	AP	3/group	Χ
Internal Medicine - Clerkship	B81056	9	WS	6	3 weeks	AP	3/group	Х

² Both of these subjects are General Surgery practicals, can be selected week-by-week in different hospitals

Eligible courses (most popular) - There are more eligible courses you can choose from (the complete list for the next year will be made later) but most of these are based on individual arrangement with the concerned teacher. You can ask me by email.

Courses	Codes	ECTS	Sem.	Duration	Limit	Exam
Czech for foreign students	B82958	2	WS/SS	2/w	15/15	Е
Basic ECG	B80748	4	SS	15 hrs	5	Х
Clerkship: Otorhinolaryngology	B82253 WS B81662 SS	4	WS/SS	25 hrs	3/3	Х
Clinical Pharmacology 1,2	B81314	3	WS+SS	30 hrs	10/10	Х
Clinical Skills	B82854	2	WS/SS	10 hrs	1/1	Х
Complex Nutrition of Sport- smen (and Non-sportsmen)	B81830	3	WS/SS	12 hrs	3/3	E
Interpretation of ECG at Rest and during the Exercise	B81257	3	WS/SS	12 hrs	5/5	E
Sports Medicine and Functional Diagnostics	B80079	4	WS/SS	20 hrs	5/5	E
Tropical Diseases	B80134	3	WS/SS	30 hrs	20/20	Е
Medical Ethics and Communication Skills	B03391	2	SS	16 hrs	min 12	X

Explanations of the chart

Semester – most of the courses of 4th – 6th year take place only in one semester. In the column you can find the information in which semeser the course takes place. Until summer, prior the beginning of the academic year, it's not guaranteed that there won't be any changes of the semester but most likely the courses will be held as it's written here

Year – this chart shows in which year the particular course takes place. Nevertheless you are entitled to take any course provided that there are no prerequisites that are listed below in Details or in SIS.

Duration – courses of 1st – 3rd year are so called semestral courses which means that they take place once or twice per week during the whole semester. Courses of 4th – 6th year are so called block courses meaning that they take place every day for 4 hours (most often in the morning) for the later specified weeks. Its duration is written in the chart.

Group - our faculty has an English parallel which consists of international students of the whole 6 years programme. AP means that for this subject you will join the group of English pararel students. Eras means that these courses are opened only for Erasmus students.

Limit – each course can only accommodate limited amount of students. The numbers are written in the chart. Placing students to the courses are done by the rule "first go first" meaning the sooner you send me the list of courses you would like to attend the higher chance that there will be a place available.

Exam – Exams are oral and usually held right after the end of the course. Not every course provides an exam: **"E" means exam is provided, "X" means exam is not provided.** If the exam is not provided it also means that in your Transcript of Records, there will be no evaluation/grade (no "excellent, very good, good"), only the duration of the course and the amount of credits.

It is possible to take an exam in courses that do no provide one by default or to shorten the attendance needed for exam if you already attended the course and present appropriate certification from your home university, however this must be consulted and agreed upon with the teacher of the given course within two weeks of your arrival. For some subjects the exam is obligatory, that means without passing the exam you will not receive ECTS.

Important! Please also read Details to some courses on following pages.

DETAILS TO SOME COURSES:

You can choose any of the courses mentioned above, but with respect to some prescribed limits (number of students, completed years of med., etc.) and with a view to the actual schedule. Mind that most of the courses are only in the mornings and it is not possible to take then two courses at the same time. The final schedules will be published in July, but some presumed allocation on WS (winter semester) and SS (summer semester) you can find above. It will be possible to make any changes even after your arrival (to delete a course is easy but to add one will depend on how many free places are still available).

Anaesthesiology and Emergency Care – the special course for Erasmus will be in each semester provided that there's sufficient number of the applicants (min. 8). Maximum is 16 students per each semester.

Basic Medical Terminology – This is a two-term subject. In order to complete the course, students have to sit three subsequent evaluations during both semesters.

Biology and Genetics 1 - opened for students of 1st to 3rd yr; always in SS, along with AP; no prerequisites are demanded; there is NO EXAM, the semester ends by credits only. Individual or group consultations with teachers are possible.

Biology and Genetics 2 - opened for students of 2nd to 3rd yr; always in WS, along with AP; prerequisites are demanded: either Biology and Genetics 1 or other basic course in genetics (both have to be proven by a statement made by faculty/university of origin). If the applicant is not able to provide any of the above, the admission to the course will be conditional on passing the written test of the basic knowledge in genetics corresponding to the syllabus of these courses (Mendelian genetics, linkage, interactions, multifactorial traits, bases of molecular genetics, mitosis and meiosis, normal and aberrant karyotype, population genetics etc.).

The course is ended by an exam (combining both written and oral parts) at the end of semester (typically since middle of Jan to the end of Feb). Individual or group consultations with teachers could be arranged in pre-exam period (typically late in the afternoons).

The sylabus of lectures, practicals, and questions is available on the web pages of the faculty and the institute.

Cardiovascular Medicine – This extra course for Erasmus is held in the afternoon. The course is in the form of seminars and practical training. NO EXAM is offered.

Clerkship: Otorhinolaryngology – The maximum is 3 Erasmus students per semestr. You will receive the contact for secretary to arrange your individual schedule, the secretary will give you Attendance list.

Clinical Biochemistry - Maximum is 7 students in total. Intended for students of 5th and 6th year.

Clinical Genetics – maximum is 4 Erasmus students per each of 4 AP groups. Opened for motivated **students of 4 to 6 yr**. One-week course is ended by credit only; there is no exam, and any exam or any mark/grade can not be demanded by Erasmus students!

Required prerequisites: pathology, patho-physiology, pharmacology, clinical propaedeutics (in internal medicine, in surgery, in pediatrics), and an exam corresponding to Biology+Genetics 2 or other course/s from basic genetics (Mendelian genetics, linkage, interactions, multifactorial traits, bases of molecular genetics, mitosis and meiosis, normal and abberrant karyotype, population genetics etc. + bases of DNA function, analysis and diagnostics, immunogenetics, oncogenetics, developmental genetics, therapy of genetic diseases).

The syllabus of lectures, practicals, and questions is available on the web pages of the faculty and the institute. Additional (individual or group) consultation with (clinical) teachers could be arranged (typically in the afternoons).

Clinical Immunology –We can add 5 students to each of 4 AP courses.

Clinical Pharmacology 1,2 – this is a year course. In case you attend only winter semester you obtain 1 ECTS. If you attend only summer semester you obtain 2 ECTS. For the whole year you get 3 ECTS.

Clinical Skils - 5 lectures during the semester.

Complex Nutrition of Sportsmen (and Non-sportsmen) and Sports Performance - both in WS or SS, there are 6 lectures, morning course.

Czech for foreign students – this course is open for Erasmus stduents in every semester. If there is someone who is not a beginner in the Czech language and is interested in more advanced classes, he/she can join some group of AP after the consultation with the lecturer of Foreign Languages dpt.

Dermatovenerology – Erasmus students will not be admitted in 2024/2025.

Endocrinology and Metabolism - is planned for SS. If you need, you can receive a grade after completing credit test at the end of the course. In each of 2 AP groups maximaly 3 students can be placed.

First Aid - Maximum of 3 Erasmus students can be accepted. The course is organized during WS along with lessons for AP sudents. Subject of the course: Provide students with general information of the first aid. The course consists of theoretical and practical part, both performed in the classroom. Topics: introduction to first aid and vital signs; adult and paediatric BLS; FBAO sequences; injuries and medical emergences. Credits: written test and practical exam. One lesson in the form of elearning.

Forensic Medicine – lectures + autopsies; it is possible to add 4 students to each AP group in winter semester. **Intended for students of 4th, 5th or 6th year.**

Gastroenterology – Erasmus students will join students of AP in summer semester. The maximum is 4 students per each of 4 AP groups. Courses take place at 2 different hospitals (VFN and ÚVN)

Geriatrics – there is one special course open for Erasmus students. The course is in the form of seminars and practical training. Intended **for students of 4th to 6th year**. Applicants are supposed to have knowledge of pharmacology and of some basics of internal medicine. Exam offered at the end of the course for students from countries where examination is required.

Gynaecology and Obstetrics – please note that there are two courses of gyn. (2w course at Bulovka hospital (5th year) and 5w course in Apolinar (6th year)), so do not forget to write a code or at least the number of weeks you are interested in.

<u>Bulovka hospital</u>: There will be several **practical courses** (no lectures) open for Erasmus students during the whole year. Limit for each group is 5 students. You can attend 1 week (2 ETCS) or standard 2 weeks (3 ECTS). The exam, in this case an essay on certain topic, is possible after consultation with the lecturer at the beginning of the course.

Apolinar hospital: the course lasts 5 weeks in total, Erasmus students will join students of AP in summer semester. There is no exam. The subject contains 3 weeks of practical seminars and theoretical lectures (and simulators). The department has the capacity to accept you for the first 3 weeks of practical seminars and theoretical lectures. As for the 2 clinical weeks you need to attend them at your home university (or Bulovka hospital) where you should see: normal delivery, Ob/Gyn ultrasound examination, hysterectomy, cesarean section, gynecological examination and routine ward care. Apolinar hospital will recognize this clinical elective (worldwide, only certificate needed – I will send this to you upon request).

Haematology – There will be 2 AP groups. Maximum is 5 Erasmus students per group.

Histology and General Embryology – This subject lasts the whole year. If you need to obtain ECTS/credits, you need to attend the subject during the complete academic year. There is also an exam at the end of the course.

Hygiene and Epidemiology – The course in Hygiene and Epidemiology for students of General med. in the 4th year is not open for Erasmus students, for it is connected with a state exam. Instead of that

you can join a similar course for dentists (3rd year), which is shorter and with less credits, but you can ask for an exam. It is planned for WS.

Infectious Diseases - The ID course is available **for 4th or 5th year students**. Only those students who have passed the Microbiology exam and the Internal propaedeutics course are eligible for the ID course. The 3week course includes lectures, seminars, case reports and ward rounds. The ID exam can be passed at the end of the course. 3 students can join AP in winter semestre and 3 students in summer semestre.

Internal Medicine – Clerkship – There is Internal medicine for 6th year (the content is Internal Medicine). Limit is 2 students per group. Prefferably students of 6th year.

Interpretation of ECG at Rest and during Exercise – both in WS or SS, there are 6 lectures, morning course.

Microbiology 1, 2 – Who needs an exam, has to take also the course of *Integrated Block Microbiology/Pathology*. During the WS they will organise 1 week of practicals of Microbiology 1 (lectures will be still in SS, but they are not mandatory), so in this way it would be possible to have the complete Microbiology after one semester (WS).

Nephrology – there will be a course open for Erasmus students. No exam! Minimum is 3 students, max. 12. Students from the 4th, 5th and 6th year can be accepted for this course!

Neurology – students have 2hrs of lesson is the morning and 2hrs of practicals in the early afternoon. Applicants are supposed to have a knowledge of pharmacology and of some basics of internal med. An exam can be taken upon a student's request. Students are divided in 4 groups. **Only students of 5th and 6th year are entitled to take this course.**

Neurosurgery – students, who wish to take this course, must have already completed their exam in Neurology (part. if they are interested in the exam in neurosurgery – this exam must be taken in the same way as by other students, no other type of exam or just a mark for attendace is possible!). If there is anyone, who wishes to visit just the operation theather and doesn't need any credits or the exam, can visit the dept. individually and will receive then a written confirmation listing what he had seen.

Nuclear Medicine – students can attend this course provided that they accept the particular group that is assigned to them. This allocation will be based on the number of English Parallel students in the particular groups. Maximum 5 students to each of 4 AP groups.

Occupational Diseases and Toxicology – Only students of 4th, 5th or 6th year can apply for this course. To each week's course of AP max. 5 Erasmus students can be added.

Oncology - Only students of 5th or 6th year can apply for this course. Max. 5 students can join each of 4 AP groups.

Ophthalmology – There will be an extra course for Erasmus students. The course is open in each semester (min. 12, max. 30 students).

ORL (Otorhinolaryngology) – the 2week course is only in summer semester (in both semesters you can also take ORL Clerkship – see eligible subjects).

Orthopaedics - intended for students of 4th and 5th year, who already finished all theoretical subjects. One half of students will spend this course in Motol and the second group in Bulovka hospital.

Paediatrics – Erasmus students will not be admitted in 2024/2025.

Pathology – this is a year course, there is the final exam at the end of the academic year. But it is possible to attend only one semester.

Pathology 1 in winter semester – you will learn General Pathology and you can take an exam at the end of the semester.

Pathology 2 in summer semester – you will learn Organ Pathology. If you wish to do only Organ Pathology at our faculty, you need to attend it in summer semester. If you do not attend Path.1 at our faculty, you need to present a proof of completing Path.1 at your home university. Exam is held at the end of summer semester.

Pathophysiology – this is a year course. In case you attend only one semester, you will receive a list of topics covered and results of the tests at the end of the semester, but you cannot receive ECTS/credits.

Patient Care - Maximum 3 Erasmus students can be accepted. This is a year course. In winter semester there are lectures once a week, 3 practical trainings held in one day blocks and several tests in Moodle. Is summer semester there are 6 practical trainings held in one day blocks and again several tests in Moodle. It is possible to attend only summer semester with completing lectures and test from winter semester in Moodle. There might be some revision lessons in summer semester. The subject ends with an exam. The subject content is: Introduce students to the essentials of patient care. Students should gain basic knowledge and skills needed for providing patient care in a hospital facility. Pre-class learning is required, skills are practiced in the classroom. Main topics: Asepsis and Infection control; Wound care; Administering medication; i.v. therapy; Urinary catheterisation; Enema administering; Ostomy care; Oxygen therapy; Laboratory specimen collection. Credits: written test and practical exam.

Pathobiochemistry – there are 3 different courses. All of them are Compulsory Elective. Student can attend only one of them in one semester. Exam is obligatory.

Pharmacology – is taught in two semesters: in summer semester Pharmacology 1 (B83164) and winter semester Pharmacology 2 (B80386).

Pharmacology 1 (summer semester) ends with unclassified credit. In order to obtain credit (and credits) the attendance at seminars and successful completion of 4 tests is needed.

To be registered for Pharmacology 2 (winter semester) you need to have the credit from Pharmacology 1 or confirmation from your home university that you have passed the equivalent of Pharmacology 1. Pharmacology 2 ends with credit and exam. To obtain unclassified credit (and credits) the attendance at seminars and successful completion of 4 tests is needed. If you need only the credit, you do not need to take the exam. If you want to take the exam in Pharmacology you need to obtain the credit from Pharmacology 2. The exam from Pharmacology includes topics from Pharm. 1 and Pharm. 2 (test and exam topics in SIS). You can take the exam from Pharmacology in winter as well as summer semester.

Physiology – this is a year course. You can take the exam only if you attend both semesters in full lenght and received credits. It is not possible to take the exam after only one semester!

Physical Education – regular attendance required.

Pneumology – 2 students can be added to each of 4 AP groups.

Primary care 1 - One week of lectures, seminars and visits to general practice surgeries in Prague. Maximum of 2 Erasmus students can be added to one of four AP groups in winter semester. Who wishes to receive a mark from this course is supposed to write a paper (1-2 pages), where he/she would compare the primary care in his/her home country with the one in the Czech Rep. **Primary care 2** – two week course in winter semester. There can be also a course opened in summer semester for max. 6 students.

Propaedeutics in Internal Medicine – Lectures will be with AP, practical part may be separate if necessary. The course is held only in WS.

Propaedeutics in Surgery – Only 5 students can apply. They will follow the course of AP, the subject is organised in WS in different hospitals with max. of 2 students in a group.

Propadeutics imaging methods – the subject consists of 14 e-learning interactive lectures. The condition of granting a classified credit is to view all the lectures and pass the final test.

Psychiatry – Limit is 24 students per group. The couse is open especially for Erasmus students at the same time as courses for AP (students cannot be added to AP for capacity reasons). Also for capacity reasons it is important to ask for any changes at the beginning of semester. First course is in October/November (morning hours) and second course in January (afternoon hours).

Public Health and Medical Law – students can choose between 2 week course B81052 (together with 6th year, max. 2 students) or semestral course for Dentistry, B83154 (3rd year, max. 5 students).

Rehabilitation Medicine – it is held in WS. 5 students can be added to each of 4 AP groups.

Rheumatology – This course takes place in summer semester. Max. 3 Erasmus students to each of 4 AP groups.

Sports Medicine and Functional Diagnostics - both in WS or SS, there are 10 lectures, morning course.

Surgery – This course takes place during the whole academic year. There are 3 surgery departments in Prague, students will be divided between them according to the free time of students and the capacity of each hospital (2 students / week / hospital). Students can ask for maximum 6 weeks of surgery and they will receive the correspondent amount of credits (1w = 2cr; 2w = 3cr; 3w = 5cr; 4w = 7cr; 5w = 9cr etc.). For Erasmus students there is no difference between the B81055 and B82105 courses – the content is the same: practicals at the operation theatre.

If anyone needs more hours he/she can ask individually after his/her arrival, but it cannot be guaranteed in advance on the application. THERE IS NO EXAM.

Students, who are coming for Erasmus traineeship (= only the practice) can ask **max. for 12 weeks** of Surgery.

Students can also ask for one week extra of plastic surgery or/and cardiovascular surgery.

Plastic surgery offers 1 week courses. Maximum is 5 students per course, minimum 3 students in the group/week. There are several courses during the year.

<u>Cardiovascular surgery</u> offers 1 week courses. Maximum is 8 students in a group, minimum 4 students. 2hrs of lectures and 2hrs of practice every day. There are several courses during the year.

Urology – This course is divided into one week of lectures, which students spend together with AP and the second week of practice, which is arranged for Erasmus students separately. **Only students of 4th, 5th or 6th year can apply for this course**. Students of other years can apply only in case they have already passed the exam in general surgery. If you also need to take the exam, inform the Erasmus coordinator before the beginning of the course.