

Anatomy teaching:
Compulsory Course of ANATOMY (B83004), ANATOMICAL DISSECTION 1, 2 (B83005, B82240), and CLINICAL TOPOGRAPHIC ANATOMY (B081312), and ELIGIBLE SUBJECT
for Students of GENERAL MEDICINE in Academic Year 2023 - 2024

Course Head: Assoc. Prof. Ondřej Nařka, MD, Ph.D.

Head of English-taught courses: Prof. David Sedmera, MD., DSc.

Curricular timing: **Anatomy (B83004)** is taught mainly in the first and second semesters containing following parts: lectures (120 hrs), practical classes (60 hrs), seminars (30 hrs) and two dissection blocks (together 58 hrs). Advanced course of **clinically oriented anatomy (B81312)** is taught in the beginning of winter semester of the 4th year (36 hrs). Total teaching hrs: 304.

Attendance to the practical classes, seminars, and dissections is obligatory; attendance to the lectures is highly recommended.

Content: Macroscopic anatomy of organs and organ systems, their prenatal development, regional anatomy with respect to functional and clinical applications. Neuroanatomy includes both microscopic and macroscopic structures and functional pathways of the central nervous system.

The list of Recommended Textbooks: please see at this [page](#).

Lectures: 4 hrs per week in each of the semesters according to the syllabus.

Winter semester: Anatomical terminology, locomotor apparatus including limbs, basic anatomical concept of vessels and nerves, central lymphatic organs, regional anatomy of limbs including their blood supply and innervation, gastrointestinal system and respiratory system including their blood supply and innervation.

Summer semester: Urogenital system, heart, endocrine system, central and peripheral nervous system, regional anatomy of the head and neck, sensory organs, skin.

Viewing of the lectures is recommended **prior** to the practicals pertaining to the particular topic!

During the seventh semester (4th year): [clinically oriented topographical \(regional\) anatomy](#) is taught.

Practical classes/seminars: 3 hrs per week in the first and second semesters according to syllabus. The main goal is demonstration of organs, evaluation of students' knowledge by means of written tests and oral examinations. Clinically relevant seminars are allocated to the students, and presented by the students themselves after a consultation with the teacher.

Attendance is obligatory; the first semester is concluded by the **credit**, the second semester by the **credit and final exam**, the seventh semester by the **credit with mark**.

Gross anatomy dissection courses 1, 2 (B83005, B82240): Courses are organized in the afternoon during both semesters according to syllabus and take together 58 hours. Attendance is obligatory; each dissection course is closed by a **credit** (oral examination, identification and description of dissected structures).

The goal of dissection is to dissect and learn all structures of the body and their topographical relations.

During the courses students take turns in dissecting of different regions of the body.

Anatomical dissection 1 (B83005) is focused on all anatomical limb structures and trunk muscles; **Anatomical dissection 2 (B82240)** is focused on all anatomical structures of head, neck, thorax, back, abdomen and pelvis.

Knowledge and skills to be acquired: Theoretical and practical knowledge of the macroscopic anatomy of organs, their development and knowledge of topographical relations with emphasis on clinical applications, knowledge of nomenclature used to describe the human body.

Eligible subject Clinical Anatomy (B82943) is recommended for students with deeper interest in Anatomy and its clinical applications.

Requirements for successfully passing the ANATOMY Course (B83004):

1) The study of Anatomic Dissections 1, 2 (B83005, B82240) is concluded by the **credits**, Anatomy (B83004) is concluded by **two credits and final exam**.

2) Requirements for receiving the credit

- a) **Full attendance** at the practical classes and seminars as well as at the anatomical dissection courses – applies to both in-person and distance teaching. **Any absences must be compensated** after agreement with the class teacher as soon as possible (e.g., with another study group, preparing a special seminar, writing an essay, demonstration of written preparation for the final examination followed by oral presentation – the goal is to prove continuous effort and understanding of the topic). If the absences are not made up for, **it is not possible to obtain the credit**.
- b) **Knowledge demonstrated during the seminars and bi-weekly tests**, as outlined in the syllabus – will be assessed during the classes orally or by a written test. **All failed tests** could be corrected after agreement with the class teacher (by the 14th week of the semester at the latest), **but there are at most two attempts for each**.
- c) **If a student has by the last week of the semesters still some uncorrected tests**, the credit could still be obtained after passing a **comprehensive (summary) semester tests during the last practical class**, even in the case that there were three failures at any of the individual tests. **Absence at the last practical class does not constitute right for the comprehensive test at another date**.
- d) **Credits NOT awarded at the end of the semester** (during the last, credit practical class) or **at the conclusion of the anatomical dissection course** could be obtained based upon a centrally organized written test (Anatomy 1+2) or by oral re-examination (Anatomical dissection 1+2) on **two additional (remedial) attempts** during the exam session, or during the final day of another dissection course (dissection credit). An absence at the final practical class or the anatomical dissection course **must be properly excused and made up for**.
- e) Summary credit test from Anatomy 1 or 2 is in the written format. In case failing the second corrective attempt (i.e., third attempt in total), **oral examination** based upon randomly selected questions from the respective semester course matter follows immediately after the written test (i.e., on the **same day**).

3) **Prerequisites for the admission to the final exam:** two credits from Anatomy, credits from Anatomic Dissections 1 and 2.

4) **The final exam** is organized during summer examination period. **It consists of two parts:**

- a) **practical part:** dissection of selected region and demonstration of selected organs including their X-ray, MR and CT pictures
- b) **theoretical part** based on the [list of questions](#).

The exam can be terminated at the practical part without even commencing the oral part with evaluation of the student as “**failed**”. This provision will not apply in case of a second re-examination, when the exam continues even in case of unsatisfactory result of the practical part.

Successfully practical part of the final exam is not necessary to retake in case of re-examination, they are valid during the whole exam period, however at longest for 4 months.

5) For each examination (credit or exam), the students are always obliged to bring **the Student ID or another valid form of identification**.

6) If a student fails to appear at the marked credit, examination or its part on the date that he/she registered for, without prior apology, **the student automatically loses one exam term**. The note of apology must be delivered to **the secretary of the institute**. Then the examiner will consider, in particular, the nature of circumstances that the student gave as reasons for his/her absence.

7) **Students with the Individual Study Plan are recommended to discuss the extent and schedule of the subject with the Head of the English Teaching (Prof. Sedmera) at the beginning of particular semester.**

8) We would like to ask **the students who repeat ANATOMY (B83004) to contact the secretary of the Institute of Anatomy (Veronika Tomášková, Eng.) for their assignment to the new group for this subject**. During registration the institute will try to accommodate student's wishes, but students have to take into account that the numbers of students in each group also must remain well-balanced.

All up-to-date information is available at:

official board in the lobby of our Department
and

anat.lf1.cuni.cz

Prague, September 28, 2023

Assoc. Prof. Ondřej Naňka, MD, Ph.D.
Prof. David Sedmera, MD., DSc.