

REQUIREMENTS

Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme

Name of the host institution (and any contributing institutions):

Department of Anatomy, Histology and Embryology

Name of the subject: Anatómiai preparáció a gyakorlatban

in English: Anatomic dissection in the practice

in German: Anatomische Präparation in der Praxis

Credit value: 2

Timetable: Tuesday 17:00-18:30

Semester: Between 3. and 11. semester.

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| Total number of classes per week: | lectures: | practical lessons: | seminars: |
| 2 | - | 2 | - |

Type of subject: **compulsory** **optional** **elective**

Academic year: 2023/2024 herbst and spring semester

Language of instruction, for optional or elective subjects: hungarian and english and german

Course code: AOSANT809_1A

Course coordinator: Dr. Tamás Ruttkay; Dr. Alán Alpár

Place of work, phone number: Department of Anatomy, Histology and Embryology (ext.: 53688)

Position: Dr. Tamás Ruttkay: senior lecturer; Dr. Alán Alpár: professor

Date and number of habilitation: Dr. Alán Alpár: Karolinska Institute, 2012 (accepted: Semmelweis University, 2014); Dr. Tamás Ruttkay: -

Objectives of the course and its place in the medical curriculum:

The technique of anatomical dissection dates back many centuries. Dissecting of fixed specimens gives students the opportunity to acquire practical knowledge that is essential, especially for those who are planning to choose manual field. Fine dissection of small structures requires extra time and appropriate infrastructural conditions. Our practical course creates this unique opportunity under the guidance of expert instructors. The specimens will get into the high quality demonstration specimen pool to be used in the education.

Place of instruction (address of lecture hall or seminar room etc.):

Department of Anatomy, Histology and Embryology; 1094 Budapest, Tűzoltó utca 58.; dissection room 3rd floor

Competencies acquired through the completion of the course:

By completing the course, students will master the technique of fine anatomical dissection. Working with fine quality instrumental tools gives the opportunity to get to know better anatomical layers and structures in more details. This type of work gives a good base of knowledge what can be developed further in manual fields.

Prerequisites for course registration and completion:

Because of the different curriculums of previous years: Anatomy, histology and embryology IV. or Macroscopic anatomy II. or Macroscopic anatomy and embryology II.

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject:

One-semester subject

Student headcount conditions for starting the course (minimum, maximum) and method of student selection:

The course will be started if there are at least 5 applicants. Maximum 10 students of the English class can participate in the course. The practices are 90 minutes long and held once a week together with the German class. Registration occurs in the Neptun system.

Detailed course description:

Practices:

1. Introduction. Handout of specimens. Removal of the skin.
2. Dissection of cutaneous nerves and superficial veins I. (demonstration and practice)
3. Dissection of cutaneous nerves and superficial veins II. (demonstration and practice)
4. Dissection of muscles I. (demonstration and practice)
5. Dissection of muscles II. (demonstration and practice)
6. Dissection of arteries and nerves I. (demonstration and practice)
7. Dissection of arteries and nerves II. (demonstration and practice)
8. Dissection of the viscera I. (demonstration and practice)
9. Dissection of the viscera II. (demonstration and practice)
10. Working with bone I. (demonstration and practice)
11. Working with bone II. (demonstration and practice)
12. Dissection of the brain I. (demonstration and practice)
13. Dissection of the brain II. (demonstration and practice)
14. Exam and demonstration of the dissected specimens.

Teachers (depending on the number of the registered students):

Dr. Alán Alpár professor – professional tutor

Dr. Tamás Ruttkay senior lecturer – lecturer, practice leader

Dr. Fábrián Bálint assistant lecturer – practice leader

Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:

Preparative part of Macroscopic anatomy and embryology I-II. practices.

Attendance requirements; conditions under which students can make up for absences and the method of absence justification:

Participation in the practices is verified by signing an attendance sheet.

Absence up to 25% of the classes is allowed within a semester.

Due to the nature of the course, it is not possible to make up for absences.

In special cases (illness or official absence due to the University) medical certificate or official certificate can be accepted for the absence.

Form of assessment in the study period:

There is no mid-term check.

Number and type of assignments for individual work and the deadline for submission:

During the semester, the student continuously performs individual preparatory work, which is supervised and assisted by the practice leader, but the preparation submitted at the end of the semester will only be evaluated.

Requirements to obtain the teacher's signature:

Attendance at least 75% of the classes.

Type of assessment:

Term-grade.

The semester ends with a practical exam, during which the student presents and hands over the specimen dissected by him/her to the practice leader.

Examination requirements:

During the last practice of the semester, the student summarizes the topic of the dissected specimen and displays it. The practice leader evaluates the semester preparatory work based on the criteria detailed below.

Method and type of grading:

(Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)

The finished specimen is evaluated according to the following criteria:

1. The degree of preparation of the topic recorded at the beginning of the course.
2. Quality of the prepared anatomical structures.
3. Presentation of the specimen in a practical exam (theoretical, regional anatomical presentation).

The student's knowledge will be evaluated using a scale of 1 to 5 mark.

List of course books, textbooks, study aids and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:

The Institute provides fine preparation tools.

Book: T. Tömböl: Regional Anatomy. Medicina, Budapest, 2008.

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission: 28.04.2023