

## **Macroscopic Anatomy and Embryology I.**

### **SUBJECT MATTER OF THE 1<sup>ST</sup> SEMESTER**

**Macroscopy** and clinically oriented anatomy of the parts of the musculoskeletal system

- osteology
- arthrology
- myology (except for the muscles of mastication, facial expression and neck muscles)
- vascular\* and nervous supply of the limbs and the trunk  
(\*arteries starting from the brachial or femoral arteries)

**Skull** (viscerocranium, neurocranium).

**Macroscopy of the brain and spinal cord**

- blood supply
- meninges (dura, arachnoid and pia mater).

**General Embryology**

### **ANNOUNCEMENTS**

**Semester acceptance (i.e. signature):**

1. Active participation in dissection room lab sessions is obligatory. Students should attend at least **75% of the scheduled hours**, including the obligatory midterm tests, to gain a signature proving the validity of the semester. Absences are therefore limited in **25%**.
2. At least one of the two midterm tests should **be successful (with at least a mark 2)**.

#### **MIDTERM TESTS**

During the semester, both practical and theoretical knowledge will regularly be evaluated. Anatomy midterms are held as **oral/practical tests**. The test will include both identification of several structures on the specimen and theoretical questions related to the subject. The results of all tests will appear on the personal achievement cards.

Midterm tests are obligatory tests, they can only be done on the day specified previously, and they cannot be upgraded. Attendance at, and the passing of **at least one of the midterm** tests is obligatory. Missed and unsuccessful midterms will have to be made up for / retaken during the following weeks (TBA).

#### **Midterm I.**

**Date:** 7th week (Thursday class)

**Topics:** Gross anatomy of the limbs, together with their girdles

Bones, joints, muscles and fasciae, action, innervation, blood supply

#### **Midterm II.**

**Date:** 13<sup>th</sup> week (Thursday class)

**Topics:** Skull, bones and spaces

Macroscopy of the brain and spinal cord

Muscles of the trunk (body wall); Diaphragm

- Students earning a **4 or a 5 in the officially timed midterm tests may request an exemption** from the relevant practical part of the semifinal examination in case the mark was **earned on the official midterm date (retakes will not be counted in)**. Please note, that exemptions can **only be earned in the following two topics**:
  1. limbs (1<sup>st</sup> midterm)
  2. muscles of the trunk, diaphragm (2<sup>nd</sup> midterm)

***Every student will have to be examined from the topics of the head&neck region (skull, CNS)***

## SEMIFINAL EXAMINATION

**Topics:** Subject matter of the 1st semester

**Semifinal examinations** are composed of the following parts:

1. **written pretest** (e-learning type; moodle)
2. **oral examination** - composed of practical questions in Macroscopy to prove sufficient knowledge in the identification and full description of morphological features of relevant body parts (*skull; macroscopy of the CNS, and, **unless exempted**, limbs; muscles of the body wall, diaphragm*)

Please note, that relevant theoretical and Embryology questions may arise during the practical examination parts.

***Cadaver dissection*** – every students is required to produce a fully dissected specimen during the 1st or the 2nd semester to prove excellence and ***be exempted from the dissection part of the final examination***. The specimen will be evaluated by a departmental jury. Only those students may register for a final examination who have finished their preparatory work and it was approved by the departmental committee.

Dr. Gábor Gerber  
Associate Professor  
Dean and Subject Director

Dr. Andrea D. Székely  
Associate Professor  
Course Director

# **RULES AND REGULATIONS IN THE DISSECTING ROOM**

**Students are expected to be prepared for the practical work.**

Everybody is supposed to behave in the dissecting room conforming to the spirit of the site. Loud speech, out-of-place jokes and any kind of behaviour, disregarding the dignity of human corpses, should strictly be avoided.

Students should take care of the equipment of the dissecting room. Do not sit on the dissection tables or stand on the tripod stools to avoid accidents. **Fire and work safety regulations** should be maintained. The dissection room is a hazard area. **Cleanliness and order** should be kept. The **white lab coats** should be worn while in the dissection room, to protect one's clothing from contacting the cadaver specimen.

**Working** in the dissection room involves the use of **sharp and pointed tools**, injuries should be reported to the lab instructor. The technical personnel will provide first aid when necessary.

Only the members of the study group can participate in the sessions, visitors may be present only with the permission by the lab instructor. Students can leave the sessions only with the approval of the lab instructor.

***IT IS STRICTLY FORBIDDEN TO take still or moving pictures including voice recordings.***

Specimen preparations should be wrapped and labeled. Dissection materials of other groups or individuals should not be handled. Dissected cadaver pieces should be discarded in a designated container and discarded blades have to be collected separately.

Dissecting rooms are closed between 6:00 PM to 8:00 AM and over the weekends (with the exception of special workdays appearing in the schedule). Students may not stay in the dissecting room without the supervision of one of the assistants of the department. In the absence of an instructor, the technical personnel should ask the students to leave the dissecting room.

***IT IS STRICTLY FORBIDDEN TO*** eat, drink, to chew a gum, or to use music devices. Bags and coats should ALWAYS be left in the lockers PRIOR TO entering the dissecting room. The lockers will have to be locked using your OWN padlocks. Please, remember to keep your valuables always on you, or lock them in the lockers. The department takes no responsibility for lost items.

***SMOKING IS STRICTLY FORBIDDEN ON THE DEPARTMENTAL PREMISES, INCLUDING THE GARDEN AND THE YARD***

## **FIRE SAFETY PROTOCOL**

Please make sure to adhere to the rules of fire safety regulation with full compliance, paying special attention to the following:

1. The use of naked light or smoking is **STRICTLY PROHIBITED** on the premises of the Department, including the building and the yard.
2. In case of fire, a loud fire alarm signal is to ring throughout the building. In case of a fire drill, the building must be left organized, with the guidance of the teacher/instructor of the group, using the exits as quick as possible. Escape routes are posted on every floor.
3. The use of elevators is **STRICTLY PROHIBITED** during a fire drill.
4. Every lecture room has 3 accessible entrances/exits. Students usually enter and leave through the lower single entrance under normal circumstances. When necessary, i.e. in case of fire, the upper 2 doors could also be opened using the keys kept in the fire cassettes next to the doors.
5. All fire cases or signs/ suspicion of a possible fire should be reported to the teacher of the group.
6. No electrical devices should be plugged in a connector different from the designated ones. Only electrical devices in an intact and perfect condition should be used.