

PHYSIOLOGY I STUDY AND EXAM REQUIREMENTS FOR DENTAL STUDENTS (2024-2025 1 st semester)

Physiology for Dental Students is taught in two courses: the **mandatory Physiology I. and II.** course comprising of **lectures and laboratory practice sessions**, and the compulsory elective **Physiology Seminar I. and II.** course comprising a group seminar session each week. The students will be evaluated on the end semester exam (Physiology I.), the comprehensive exam (Physiology II), and by practical marks (Physiology for Dental Students Practice) and seminar grades (Physiology Seminar I. and II). Students are obliged to successfully finish their Physiology practice course before registration for the Physiology Lecture end semester exam (colloquium)! End Semester Exam (colloquium) and Final Exam will be oral exams.

Attending the laboratory practicals and seminars is compulsory, attending the lectures is strongly recommended!

Detailed time table of the lectures, slides of the lectures, topic list and learning objectives are accessible on our website (<http://www.phys.szote.u-szeged.hu>).

Physiology for Dental Students Lecture Course

This semester the lectures are planned to be held on campus. The slides of the lectures will be shared through Coospace and the website of the department ([Department of Physiology - University of Szeged \(u-szeged.hu\)](http://www.phys.szote.u-szeged.hu)) as well. Detailed time table of the lectures, slides of the lectures, topic list and learning objectives are accessible on our website.

Topic list is provided with a detailed description of the requested conceptual and factual knowledge, including basic terms, mechanisms and normal physiological values related to each single topic. This catalogue of the **learning objectives** serves as a thematic guideline for lectures, seminars and examinations (<http://www.phys.szote.u-szeged.hu>).

Laboratory practical sessions

(Physiology for Dental Students Practice)

More than 3 missed practical sessions or not fulfilling the practical exams will impose a failed (1) grade at the end of the semester. **Students failing on the practical course are not eligible for the end semester and the final examinations, respectively, therefore they lose both the practical and the lecture credits by the end of the semester!**

We expect students to come prepared, from the material of the exercises, with knowledge of the given topic (please, check Coospace relevant arena from week to week). During the semester, **three exams** (on blood, spirometry and ECG) will be written. The student performance on the practical course will be evaluated on a 5-grade scale, the basis of this evaluation will be the performance on the three demonstrations (blood, spirometry and ECG). In addition, the teachers **can evaluate the students' preparedness and class activity in every lesson**, and they can also include this in the grade at the end of the semester.

The practical sessions will begin on time- late arrival (>10 min) is also considered as an absence!! The missed class can be made up with a class on the same topic in the same week with the consent of both affected laboratory practical teachers.

The practical teacher is authorized to deny the acceptance of the practical based on the negligence, unacceptable behaviour, or if the student fails to follow the instructions by the teachers, in such cases the practical session is void and counts as an absence.

Physiology Seminars (Physiology Seminar I.)

The weekly seminars are intended to discuss the topics presented in the lectures.

The students will undergo intra semester exams during the semester on the seminars. There will be **2 seminar demonstrations (MTOs)** during the semester. Demonstrations will take place in the indicated study weeks (**the 7 th and the 11th weeks**) in the time frame of the group seminar, and the seminar teachers will examine the students based on the learning objectives of the indicated study material and evaluate them on a 5-grade scale. Retake of the seminar MTOs is possible, but exclusively on the week after the date of the missed/failed demonstration. (Being absent on the demonstration also counts as a failed demonstration.) The student performance on the seminar course will be evaluated on a 5-grade scale, the basis of this evaluation will be the performance on the TWO demonstrations, and any further written or oral examinations of the semester.

Attending the group seminars is compulsory. The seminar sessions will begin on time and late arrival (>10 min) is also considered as an absence! More than 3 missed seminars or not completing the seminar MTOs will result in a failed (1) grade that will result in the loss of seminar credits (2 credit points).

Physiology Lecture (Physiology I.)

Students are obliged to successfully finish their Physiology Practice course I before registration for the Physiology Lecture end semester exam (colloquium).

Multiple choice question (MCQ) tests during the semester

In connection to the Physiology 1 course, on the **7th, 11th and 14th week** (October 22. , November 19, and December 10.- Tuesday 19-20 p.m.); Location: Kukán Ferenc room (Dept.Ophthalmology), 6720 Szeged, Korányi fasor 10-11.), there will be 1-1 MCQ tests (25 MCQs, 25 min, 25 points each test).

The Department of Physiology provides an opportunity to complete (pass) the end semester exam (ESE) solely based on the performance of the MCQs. Please refer to the description of ESE exemption. The study material of the MCQs tests will be announced on Coospace. The MCQ tests are NOT compulsory, in case of absence they cannot be repeated.

ESE exemption

The Department of Physiology provides an opportunity to complete (pass) the ESE solely based on the performance of the mid-term tests. The requirements are the following: 1. write all three MCQ tests, 2. collecting at least **13** points on the first two tests, and 3. earning at least **45 points** on the three MCQs. The maximum score of MCQs is 75 points that determines the grades the following way:

Grades

0-38 points = failed (1)

39-44 points = passed (2)

45-50 points = accepted (3)

51-57 points = good (4)

58-75 points = excellent (5)

The Department of Physiology maintains its right to cancel the exemption program if student compliance with the rules during the lectures or the tests becomes unacceptable, or if due to the pandemic situation full online teaching must resume.

End Semester Exam (colloquium)

The ESE is an oral exam. Oral exams start with an **entry exam**: questions on 2 short definitions and 5 normal values chosen from the published learning objectives. For students with a very weak performance (less than 3 correct answers out of 5+2 questions) the exam will be terminated with a 1 (failed) mark. In the second part, **three topics** will be chosen either with topic cards or random number generators. The discussions of three oral topics based on the learning objectives of the topic list. At the end of the response the examiners evaluate the performance on a 5-grade scale, if the grade is failed the exam is finished with a failed result, otherwise the exam continues with the next topic.

If someone desires to improve his/her grade, the rules of the faculty concerning “improving the result of a successful exam” apply.

Topic list is provided with a detailed description of the requested conceptual and factual knowledge, including basic terms, mechanisms and normal physiological values related to each single topic. This catalogue of the **learning objectives** serves as a thematic guideline for lectures, seminars and examinations. Colloquium topic list and the learning objectives catalogue are available at the homepage of the institute: <http://www.phys.szote.u-szeged.hu>.

Students caught cheating during the written or the oral exams will be immediately excluded from the exam. The teachers will file a formal report on the misconduct of the student and initiate a disciplinary action. If the pandemic situation necessitates the exams to be conducted in the online space.

Szeged, 2024 11.09.

Department of Physiology