

## PHYSIOLOGY II STUDY AND EXAM REQUIREMENTS FOR DENTAL STUDENTS

(2024-2025 2<sup>nd</sup> 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 II 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 departmental website ([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 II Practice)

During the semester, **three written exams** (urine test, hearing, vision) will be written during the laboratory sessions. At the end of the semester, the student will receive a 5-point practical grade based on the results of the practical exams. **TWO of the three exams must be at least ACCEPTED**, writing the papers is mandatory, **a MISSED paper is considered as a FAILED exam!** (An exception to this is absences confirmed by medical certification) A paper cannot be made up in another group's practical lesson, and failed exams cannot be corrected! During the semester, **ONE exam can be made up**, and

the end-of-year grade can be improved by an oral exam taken as part of the **last weekly** exercise (by demonstration of motor reflexes).

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!** 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.

Detailed time table of the practical session and the Laboratory practical manuals are accessible on our website (<http://www.phys.szote.u-szeged.hu>).

### Physiology II Seminar

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 4<sup>th</sup> and the 9<sup>th</sup> – March 3-7 and April 7-11**) 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. **Seminar exams cannot be made up, a missed demonstration is considered as a 'failed exam' (and also an absence).** It is possible to improve final seminar grades and retake of ONE exam in the last week. 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).

### Final Exam - Physiology II Lecture (Final Exam)

Students are obliged to successfully finish their Physiology Practice course II before registration for the Physiology II comprehensive exam (final exam).

Physiology II Comprehensive Exam is oral exam. The exams start with an **entry exam**: questions on 2 short definitions and 3 normal values **chosen from the published learning objectives**. For students with a very weak performance (less than 3 correct answers out of 5 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.

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.

#### 'Exam Bonus':

In connection to the Physiology II course, on the 4th, the 9th and 11th week (**March 4. , April 8. and May 13.- Tuesday 6-8 p.m.**)- in parallel with the seminar MTOs,- there will be 1-1 MCQ tests (3 MCQs, 25 min, 25 points each test, sum 75 points).

The Department of Physiology provides an opportunity to obtain an '*exam bonus*' as based on the performance of the MCQs in the following way:

- (1) writing **all three tests**,
- (2) achieving at least **13 points on each** of the tests,
- (3) and obtaining at least **50 points** out of the maximum 75 points **in total**.

The bonus means that one of the three oral items will be waived during the oral exam- the **omitted topic** is chosen by the student. Students who achieve a minimum score of 54 points are exempted from taking the entrance exam, which is a condition for admission to the exam.

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.

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.

#### Physiology I. Exam Course

The ESE is an oral exam. Oral exams start with an **entry exam**: questions on 2 short definitions and 3 normal values chosen from the published learning objectives. For students with a very weak performance (less than 3 correct answers out of 5 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.

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.

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