

**STUDY AND EXAM REQUIREMENTS IN BIOCHEMISTRY**  
*According to the Study and Exam Regulations of University of Szeged*

**Year 2018/19, 1st semester**

Registration for **Biochemistry I. lecture** (medical: AOK-KUA021, weekly 2x2 hours; dental medicine: FOG-MA031 weekly 1x2 hours) in the Neptun. Lecture is accepted by end-semester-exam (ESE). Attendance is obligatory (see enclosed schedule of lectures, attendance list for dent med students, 25% abs is allowed).

Registration for **Biochemistry I. practice course** (med: AOK-KUA022-x or dent med: FOG-MA032-x) in the Neptun. Practices is accepted by signature for med students. Dent med students write written exam (MCQ, five graded) in the last educational week. Active participation at the practices and seminars is required (for dent med only practices; see enclosed program of practices, at Szent-Györgyi Albert Educational Center "Nagyoktatási", Dóm tér 13, floor 4, labs 45 & 47). Students are obliged to prepare labnotes, which have to be signed by the practical teacher at the end of each practice; the own Biochem I labnotes have to be presented at the end semester exam. Please use labware and lab equipments carefully according to the protocol. From the seminars and practices, no more than 3 absences (dent med 2 absences) are allowed during the semester. Substitution for practices could be performed on the same week in another group 2 times/semester. In case of 4 or more (dent med 3 or more) absences, the practical course won't be accepted and in this case the student cannot take the (ESE). There is no possibility to perform the missed practices at the end of the semester.

During the semester 3 written **MTOs** will be taken, and there is no retake. The results of the MTOs counted in the ESE (see later). The (i) 1st MTO will be hold on the 3rd educational week, during last lecture, form: single and multiple choices, topics: enzymology; (ii) the 2nd MTO on the 7th educational week Wed special evening time, form: test and assay questions, topics: metabolism of carbohydrates and lipids; (iii) the 3rd MTO on the 12th educational week special evening time, form: test and assay questions, topics: metabolism of lipids and amino acids. There is no retake of MTOs. Each MTOs is graded from 0 to 5 points, respectively (0: not presented, 1-5 as usually).

### **Exam requirements**

Semester ends with oral ESE. Preparation to be done according to the theoretical and practical topic lists. Exams will be opened each week on Tue, Thu, and Fri (18 days + rep week, daily limit ~12 people). Number of sport will be 150% of the number of students. Extra 1st spots will not be opened.

Exam starts at Szent-Györgyi Albert Educational Center "Nagyoktatási", Dóm tér 13, floor 4, lab 49 with written (5-structure) entrance graded 0-5. The structural topic list is not exclusive, some minor changes during the exam can occur. For a successful entrance student should hit at least 2 point in the written entrance AND collect at least 9 point together with the 3 MTOs. In the oral ESE 3 theoretical topics is followed by 1 practical topic (except for dent med stud).

Students can get offered mark and exemption from the end semester exam if they collect min 12 points in the 3 MTOs (12-13 points result in mark 4 (good), 14-15 points result in mark 5 (very good)).

Students have to have ID or passport, printed Neptun sheet, and Biochem I labnotes. For further information see the Study and the Exam Requirements of the University of Szeged.

**In case of unsuccessful ESE**, Biochemistry I exam course can be taken during the spring exam term. Final exam can be taken only in case of successful ESE.

**Repeater students** of this semester (Biochem I) must visit Biochemistry I lectures and sign the present sheet. The course will be accepted in case of presence at minimum 75% of the lectures.

Compulsory elective subjects

**Body development and diseases-molecular biology background (AOK-KA1771)** Accepted with 5-graded „practical mark”.

## Year 2017/18, 2nd semester

Registration for **Biochemistry I. lecture** (medical: AOK-KUA023, dental medicine: FOG-MA033 together weekly 2x2 hours) in the Neptun. Lecture is accepted by final exam. Attendance is obligatory (see enclosed schedule of lectures; repeaters, students with exam course, and dent med students sign presence sheet, no more than 25% absence is allowed).

Regulation of **Biochemistry II. practice course** (only for med: AOK-KUA024-x) is completely the same as it was in the 1<sup>st</sup> semester (see before). Practices is accepted by signature for med students after a successful final exam and registered in the Neptun on the last day of the exam period. In the 2<sup>nd</sup> semester there are no practices and therefore no practical exam for the dent med students. Students are obliged to prepare labnotes, which have to be signed by the practical teacher at the end of each practice; the both of the Biochemistry I & II labnotes have to be presented at the final exam.

During the semester, there will be one mid-term-exam in written form (test and essay questions, evaluated 1-5, not present=1) on the 9th educational week (April 3-7). Topics: blood, biomembranes, muscle, connective tissue and cell adhesion, cytoskeleton, liver, nervous system. If the result is 4 or 5, this mark is given automatically for the 2nd topics of the final exam. There is no retake of mid-term-exam.

### Exam requirements

Semester ends with oral final exam with 3 theoretical (1: biochem I, 2: Biochem II until the MTO, 3. Biochem II after MTO) and 1 practical topics. Theoretical and practical topic lists will be available for preparation. Exam days are Tue, Thu, and Fri (18 days + rep week, daily limit ~12 people). Number of spots will be 150% of the number of students. Extra spots will not be opened except for repeat exams.

Exam starts in the Szent-Györgyi Albert Educational Center "Nagyoktatási", Dóm tér 13, floor 4, lab 49 with written (5-structure) entrance graded 0-5. The structural topic list is not exclusive, some minor changes during the exam can occur. For a successful entrance student should hit at least 2 point in the written entrance AND collect at least 6 points together with the MTOs. In the oral ESE 3 theoretical topics is followed by 1 practical topic (except for dent med stud).

Students have to have ID or passport, printed Neptun sheet, and own Biochem I & II labnotes. For further information see the Study and the Exam Requirements of the University of Szeged.

Biochemistry I course (AOK-KUA021 and FOG-MA031) as exam course is available for those students who still do not have successful ESE. Exam day is Wed (6 days with daily limit). Exam starts in the Szent-Györgyi Albert Educational Center "Nagyoktatási", Dóm tér 13, floor 4, lab 49 with written (5-structure) entrance graded 0-5. For a successful entrance student should hit the maximum 5 points in the written entrance. Students need successful ESE before registration for the final exam. There will be a pre ESE (in a written form) in the 13<sup>th</sup> educational week. Those students who did not pass the Biochem I during this summer exam term, have to start their Biochemistry studies again, and complete Biochemistry I lecture and practical courses again from September. In case of unsuccessful Biochemistry II, it cannot be taken as an exam course, students have to complete Biochemistry II lecture and practical again during the next spring term.

Students have to have ID or passport, printed Neptun sheet, and own Biochem I labnotes. For further information see the Study and the Exam Requirements of the University of Szeged.

Compulsory elective subjects

**Molecular development biology (AOK-KA881)** accepted with 5-graded „practical mark”.

Biochemistry seminar II (AOK-KA1632) accepted with 5-graded „practical mark”..