

PATHOLOGICAL PHYSIOLOGY
Study and Examination Regulations
General Medicine Study Program teaching in English language
3rd year – summer semester, academic year 2021/2022

A. General regulations

Internal Regulation No. 13/2020 Study Regulations of the Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava (JFMED CU) set out the rules governing the higher education studies at the JFMED CU and proceedings related to academic rights and responsibilities of students of the JFMED CU. These Study Regulations regulate the education of students of JFMED CU in all cycles of education in the study programmes accredited pursuant to Higher Education Act.

The student is obliged to ask the teacher to excuse his/her absence at the educational activity; his/her absence at the educational activities may be excused by the teacher due to medical check-up or treatment in a health care facility, or due to other personal reasons. When proving the reasons for absence, the provisions on the protection of personal data and the provisions on the protection of personality pursuant to special regulations shall not be infringed.

The teacher can excuse a maximum of 20% of missed classes. In serious and reasonable cases beyond the set out 20%, the justification shall be considered and approved by the Dean upon a proposal by the subject guarantor.

Public holidays, Rector's and Dean's day off are days without an obligation to be substituted.

The teacher is obliged to excuse the student from teaching (without the substitution), if the student

- a) attended a meeting of the Academic Senate of CU, the committee of the Academic Senate of CU, the Academic Senate of the faculty or the committee of the Academic Senate of the faculty; if he/she is its member, or
- b) attended a meeting of the body of the higher education representation if he/she is its member,
- c) has been excused by the Rector or the Vice-Rector of the University, Dean or Vice-Dean of the Faculty.

Preparing for the exam during the teaching period does not excuse the student from class attendance. Being absent from compulsory class attendance is excused only on the day of the exam. The day of the exam means all days on which the individual parts of the given exam, determined by the head of the subject, take place. Substitution of the missed class is required.

Taking into account the emergency situation caused by the global pandemic of COVID-19 applies Internal Regulation No. 1/2022 Measures related to the organization of study during Summer semester in the academic year 2021/2022 at the JF MED CU in Martin due to the current epidemiological situation caused by SARS-CoV-2019 coronavirus and related disease COVID-19 <https://www.jfmed.uniba.sk/en/study/jfmed-students/the-organization-of-study/latest-updates-from-study-department-relating-to-current-covid-19-measures/>

B. Organization of the teaching process

Teaching process will be held according to the timetable and content of lectures and seminars published at Dept. of Pathological Physiology and on the website of the faculty: <https://www.jfmed.uniba.sk/en/departments/scientific-and-teaching-workplaces/pre-clinical-departments/department-of-pathological-physiology/pre-graduate-study/general-medicine/>

Lectures will be held in a distance form through the MS Teams system according to the time and content plan.

Seminars will take place in seminar rooms no 2.18, 2.27 and 2.28 of Department of Pathological Physiology located in Educational Center, Mala Hora 4B – 1st floor.

C. Content and forms of teaching

Lectures

Content

- modern pathogenesis and pathophysiology of diseases
- explanation of pathomechanisms responsible for the onset of symptoms and signs of diseases
- basis for seminars and tests in pathophysiology

Practical teaching

Content

- practicing mental and practical skills in order to create a good theoretical and practical basis for understanding the origin and development of disease

Forms

- Seminars No. 1 – No. 5 will focus on the pathophysiology of electrical heart activity via analysis of ECG recording changes in respective disorders
- Other seminars will be devoted to discussion of most important pathomechanisms of diseases respectfully to the lecture held before the seminar.

Study literature:

https://www.jfmed.uniba.sk/fileadmin/jlf/Pracoviska/akademicka-kniznica-a-audiovizualne-stredisko/povinnaa_odporucana_literatura/21-22/vseobecne_lekarstvo_-_studium_v_jazyku_anglickom_6_.pdf

D. Continuous control of study

- Discussion** between teacher and students **on the defined topics published on the website of the department.** If the student is not able to successfully solve the discussed pathophysiological problem, he/she will have to repeat the seminar in a substitute week.
- Two tests will be performed aimed at continuous assessment of the study.** The tests will be held online in the Moodle program and the system will be accessible during teaching hours.

Test no. 1 will be held in the 7th week of the semester between **28.3.2022 – 1.4.2022** and will contain questions from lectures given in the weeks 1, 2, 3 and 4 and from seminars in the 1st to 6th week of semester.

Test duration - 60 min.

Test form: multiple-choice questions – questions with 3 answers, only one of them is correct

The number of questions in test no. 1: 50

Test no 2 – will be held in the 12th week of the semester between **2. 5.2022 – 6.5.2022** and will contain questions from lectures that were given in the 5th to 10th week of the semester and seminars in the 9th to 11th week of the semester.

Test duration - 55 min.

Test form: multiple-choice questions – questions with 3 answers, only one of them is correct

The number of questions in test no. 2: 45

The results of both tests will sum up.

Voluntary test retake will be held in week 14 of the semester.

Online testing:

Link: <https://moodle.uniba.sk/login/index.php>

Instructions for students:

- student login - name, password AIS2, confirm;
 - click on **2021/2022 Pathological Physiology - General Medicine**
 - then click on the required test: **Pathophysiology TEST 3 Summer Semester 3.y. (Test no. 1)** or **Pathophysiology TEST 4 Summer Semester 3.y. (Test no. 2)**.
- Technical coordinator for distance education of the department:
Mr. Daniel Kovalčík - contact: +421 43 26 33 620

In case of excused absence or unsuccessful passing of the test, it can be replaced in the following week according to current information or in a substitute week.

E. Compensation of seminars

It will take place in the 14th week of teaching - but only 2 compensations are free of charge. Additional compensations are paid.

Given that it may be necessary to track and trace individuals who might have come into the contact with a positive person, we request that students stay in their allocated study groups and avoid mixing up or changing the groups.

F. Conditions for registration for the final exam:

- Successful completion of all seminars (100%)
- Passing tests no. 1 and 2.

Syllabus for the examination in pathological physiology are published on the department's website (there are several questions on one topic). Students **register for the exam via AIS2 after meeting the above conditions**.

Exam

Oral part of the exam: 3 questions – randomly generated by a computer. Preparation time for answers is 20 minutes.

Exam evaluation

- oral part of the exam is more important for the final grade,
- in case that oral exam grade is Fx, the final grade is failed
- in case that evaluation of oral exam is A – E, the final grade considers the number of points obtained in both tests during the semester:
 - ✓ 93-95 points score will improve the oral exam result by one level;
 - ✓ 77-92 points score does not change the result of the oral exam;
 - ✓ 76 and fewer points score will decrease the oral exam result level by one level.

Examiners: prof. Renata Péčová, MD, PhD.
prof. Miloš Tatár, MD, PhD.
prof. Jana Plevková, MD, PhD.

The student will choose his/her examiner. The exam dates will be in AiS in week 12 and students can apply for the exam after fulfilling the above mentioned criteria.

Exam period: 23.5.2022 - 30.6.2022.

Secretary of Department of Pathological Physiology JFMED CU:

Ing. Alena Hulejová
Tel. +421 43 26 33 606
e-mail: alena.hulejova@uniba.sk

Martin, February 4th, 2022

prof. Renata Péčová, MD, PhD.
Head of Dept. of Pathophysiology