



## **Katedra i Zakład Fizjologii**

### **Course Regulations Physiology for The Medical Diploma**

#### **§ 1**

##### **General Statements**

1. The following regulations apply to all forms of education conducted under the subject of Physiology conducted at the Department and Department of Physiology of the Karol Marcinkowski Medical University in Poznań.
2. The Regulations specify the organisation and course of the teaching process and the rights and obligations of the Department staff and students for the subject of Physiology.
3. The following regulations are under the Study Regulations of the Karol Marcinkowski Medical University in Poznań established by resolution 79/2024 of 24 April 2024 and the Code of Ethics for Students of the Karl Marcinkowski Medical University and the General Regulations for the Department and Department of Physiology.
4. The coordinator of the course is Prof. UMP PhD MD Edyta Mądry
5. Contact mail: [physiology@ump.edu.pl](mailto:physiology@ump.edu.pl)



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### **§ 2**

#### **The organisation of teaching activities**

1. The course includes lessons in the form of:
  - a. Lectures 30 h (thirty hours) – 14h on side and 16 in E-learning
  - b. Seminars 54 h (fifty-four hours) – all in E-learning
  - c. Exercises 30 h (thirty hours) – all on side
2. The lessons are carried out as follows.
  - a. Classes, irrespective of the form, are mandatory and controlled;
  - b. Forms of verification of attendance at classes.
    - i. Verification of attendance lists signed during classes
    - ii. Assessment of activity during classes
    - iii. Assessment of e-learning LSM activities
3. Any attempt to write, in addition to any absent person on the attendance lists will yield dismissing the whole group without justification.



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### **§ 3**

#### **Subject assessment and evaluation criteria**

1. The partial test includes the material on the theoretical preparation of the Student for the course contained in the subject sheet and the material presented during classes and/or seminars or entrusted for self-education.
2. The subject comprises 26 (twenty-six) tests (quizzes) in the form of multiple choice, singular answer tests consisting of 10 (ten) questions for seminars' tests and 5 (five) for labs' and lectures' tests. Tests are divided between four meetings after each module and according to the table in § 4 point 4
3. A partial test is deemed to have been awarded if the Student achieves a minimum of 60% of the score. Students with results lower than 60% can have one sitting for the retake.
4. The final test (integrative) belongs to the Student who has yet to receive a credit based on partial tests.
5. The final test (integrative) is deemed awarded if the Student achieves a minimum of 60% score. Students with results lower than 60% have only one retake sitting.
6. The student is obligated to pass all the tests during the first or retake sit. If it happens, students fail any of the tests and will be asked to sit the integrative (final test), which can be retaken only once.
7. If failing the integrative test's retake Student is not allowed to sit the final exam.
8. The condition for admission to the final examination is to obtain the completion of the partial test or the final test in the first term or amendment and obtain a positive result from the BHP enrolment test and the regulations of the subject.
9. The final exam is in the National Board Medical Examination (NBME), according to the NBME Association rules.
10. The exam's first retake is held in the same way as the first sitting, as the National Board Medical Examination (NBME). The second retake is a Department exam and will contain 100 (one hundred) multiple-choice, singular-answer question tests, with a threshold of 60%.



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11. The final examination is assessed on the scale:

%	grade	Grade name
0-59,99	2,0	Unsatisfactory
60,00-67,99	3,0	Sufficient
68,00-75,99	3,5	Satisfying
76,00-83,99	4,0	Good
84,00-90,99	4,5	Very Good
91,00-100	5,0	Outstanding

### § 4

#### Courses overlook

1. Lectures are mandatory with the control presence. Any absence from the lectures has to be justified seven days after the absence finishes and retaken two weeks after the absence case.
2. Lectures conations:
  - a. Introduction (in contact)
  - b. Muscle system (E-learning)
  - c. Nervous system (E-learning)
  - d. ANS (E-learning)
  - e. Cardiovascular system 1 and 2 (E-learning)
  - f. Respiratory system (E-learning)
  - g. Urinary system (E-learning)
  - h. Blood cells and coagulation, haemostasis (E-learning)
  - i. Lymphocytes (in contact)
  - j. Serology (in contact)
  - k. Senses (E-learning)
  - l. GI (E-learning)
  - m. Nutrition (in contact)
  - n. Thyroid (e-learning)
  - o. Pancreases (E-learning)
  - p. HPA (E-learning)
  - q. Sex hormones and reproduction (E-learning)
  - r. Immunity (in concoct)
3. Practical classes (all in contact)



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- a. Nervous system
- b. Muscles system
- c. Senses
- d. Cardiovascular system
- e. Serology
- f. Respiratory



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4. Points and tests:

	Subject	Classes type	Max points
<b>MODULE 1</b>	ANS	Lecture	5
	Nervous system	Seminar	10
	Muscle	Seminar	10
	Nervous system	Lab / practical	5
	Muscle	Lab / practical	5
<b>MODULE 2</b>	Cardiovascular system 1	Lecture	10
	Cardiovascular system 2	Lecture	
	Cardiovascular system	Seminar	10
	Serology / Immunity	Lecture	10
	Lymphocytes	Lecture	15
	Blood cells and coagulation, Haemostasis	Seminar	
	Cardiovascular	Lab / practical	5
	Serology	Lab / practical	5
<b>MODULE 3</b>	Respiratory system	Lecture	5
	Acid base	Lecture	5
	Water ions	Lecture	5
	Respiratory system	Seminar	10
	Urinary	Seminar	10
	Respiratory system	Lab / practical	5
<b>MODULE 4</b>	Nutrition	Lecture	5
	Gastrointestinal system	Seminar	10
	Thyroid	Seminar	10
	Pancreas	Seminar	10
	Hypothalamus	Seminar	10
	Reproduction	Seminar	10
	Senses	Seminar	10
	Senses	Lab / practical	5
<b>TOTAL</b>			<b>200</b>
<b>Credit minimum</b>			<b>120</b>



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### **E-learning and LMS regulations**

The e-learning materials posted on the LMS platform are available 24 hours a day at the time specified by the Department of Physiology as specified in the course schedule (7 days). During this time, the Student has the opportunity to view the materials any number of times.

To be admitted to the partial test, you must:

1. Sign up for all required e-learning materials on a given subject and read their audio-visual content within the time provided in the course plan.
2. Getting acquainted with the audio-visual content must be done in a proper and reliable way, i.e., if the material takes, e.g., 30 minutes. The student has to spend 30 minutes on it. The so-called “clicking” of materials is forbidden.
3. Conduct tests to test your knowledge of a given subject. Each test can be performed only once. If you fail to pass the test, you should repeat the subject to establish your knowledge. The tests on the LMS platform are not subject to evaluation, and they are only a mandatory form of self-control.
4. Becoming familiar with e-learning materials is necessary to acquire the required theoretical knowledge needed to perform the exercises during the practical classes properly.

A student who fails to complete the above steps within the time specified in the course plan will not be admitted to the partial test and will receive an inadequate score by losing one approach to enrolment. In such a situation, the Student is obliged to read the e-learning materials on the second date specified in the course plan and to take the partial test at the time of correction without the possibility of improvement in case of insufficient evaluation (in such a case the Student will automatically be directed to the final test – see the Regulations of the Department)

The lack of theoretical preparation for the practical exercises may result in the student not being admitted to the exercise room with the need to take classes in the form specified in the Regulations of the Department and the Charter of the Subject.

Any technical problem should be immediate to the designated staff of the Department of Physiology.

The Department of Physiology reserves the right to verify technical problems at the UMP Information Centre, UMP E-Learning Centre, or if they result from power or Internet disruptions by contacting the local service provider or the Student Home Administrator.



## **Katedra i Zakład Fizjologii**

It is absolutely prohibited:

1. Opening several materials simultaneously in different tabs or web browsers.
2. "Clicking" materials.
3. Staying on a given material longer than twice its total duration (the topic lasts 60 min. The student was logged in to it 120 min. – OK. The topic takes 60 min. The student was logged on it 150 min. – NO OK)
4. All other forms of dishonesty.

Any form of dishonesty will result in the student not being admitted to the partial test or final test and receiving an inadequate score on the subject.

### **§ 6**

#### **Final statements**

Any issues disputed or not covered by the above regulations will be resolved by the Coordinator of the subject, the Director of the Department and the Department of Physiology based on the General Regulations of the University or the relevant codes of conduct of the Republic of Poland.