



HUMANITAS MEDICAL SC



Prerequisites

In order to be able to take the exam the students must have passed the 1st year exams: "Building bodies, from gametes to organs", "Principles of the Living Matter", "Cells, Molecules and Processes", "Body Architecture" and "The Cell: Function and Control".

However, in order to profitably attend the course, the students must absolutely have acquired the main concepts of cellular function and regulation and the basis of neurobiology, as covered by 1st year course "The



3 – Acoustics – Hearing and sound processing – Vestibular function

Learning goals:

4 - Chemoceptors, smell and taste

Learning goals:

5 - Movement control

Learning goals:



7 – Energy balance



Assessment

The exam is comprised of three parts:

1. Evaluation of the skills on the neurological examination of the patient
2. Written examination: Multiple Choice Questions or similar tests
3. Oral examination

1. Physical examination: this part of the exam consists in a pass-or- fail evaluation. Students will be asked to perform part of the checklist they have learned during the Practicals. This part of the exam to proceed to the written part.

2. Written test: Multiple Choice Question or similar test. The test consists of 60 items (18 Anatomy, 12 Physics, 12 Biochemistry, 18 Physiology). Time allotted: 90 minutes.



Since failing this exam implies repeating the second year, in the last call before the beginning of next academic year the students who failed all previous sessions will be given the opportunity – on this exam session only – of an oral interview even if they failed the written test. The oral interview will aim at possibly revising the judgement and discussing their learning performance and possible problems for tutoring. Only students who did attend (and failed) the last previous call will be offered this opportunity.

Texts

: refer to 1st year textbooks

:

Guyton and Hall – Textbook of Medical Physiology, 13th ed. Elsevier, 2016.

W.F. Boron, E.L. Boulpaep – Medical Physiology, 3rd ed. Elsevier, 2017.

E.R. Kandel, J.H. Schwartz et al. – Principles of neural science. McGraw Hill 2013.