

Course description template

Informing students on course requirements

(In accordance with information and study materials available on
CooSpace)

From September 2019

Program: University of Szeged, Faculty of medicine
Course: Genetic analysis (Molecular Medicine)
Academic year/Semester: 1/2
Educator and contact details (e-mail): Prof. Boldogkői Zsolt, boldogkoi@gmail.com
Type of course: <u>lecture/seminar/practice/laboratory</u>
Weekly hours of the course: 1 (2 hours every second week)
Credit vale of the course: 1
Type of examination: <u>final exam at the end of semester</u> , practice exam, other: essay.....
Preliminary requirements (preliminary academic performance or completed course required to fulfill the purposes and requirements of the course): none
Purpose of course: This subject deals with the recent advances of modern medicine and genetics, at a deeper level, than the Frontiers of molecular biology course.
Outcome requirements of the course (specific academic results to be established by the course): The students will learn and understand the following in details: Introduction to modern medicine, genes and microtubules, genetic mosaicism, chimeras, prions, the telomeres and telomerase, genetics of obesity, protein folding
Topics: <ol style="list-style-type: none">1. Introduction to modern medicine2. Genes and microtubules3. Genetic mosaicism4. Chimeras5. Nobel prizes in medicine: prions and telomerase6. Genetics of obesity7. Protein folding
Supporting methods to achieve learning outcomes: good lectures
Evaluation of the acquisition of expected learning outcomes: Exam type: written or oral (depending on your choice) If you visit the lectures regularly, you are allowed to: write a Single choice test at the last lecture or send an essay instead of the oral exam. The essay should contain 12.000 characters without copying internet pages, or books. Regulation of scientific citation is applied. Essays should be sent to the following email address: genetic.analysis@yahoo.com) 3 days before the given exam day.
Mandatory reading list: none
Recommended reading list: none

Indicating course requirements on Coospace scene (summary)

Description (public):

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Exam type: written or oral (depending on your choice)

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write a Single choice test at the last lecture or send an essay instead of the oral exam. The essay should contain 12.000 characters without copying internet pages, or books. Regulation of scientific citation is applied. Essays should be sent to the following email address: genetic.analysis@yahoo.com) 3 days before the given exam day.

Topics:

1. Introduction to modern medicine
2. Genes and microtubules
3. Genetic mosaicism
4. Chimeras
5. Nobel prizes in medicine: prions and telomerase
6. Genetics of obesity
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Recommended reading list: none