Module title: Biochemistry, Physiology and Genetics of Mammalian Cell Culture

Abbreviation: 07-MSCC-111-m01

Module coordinator:
Degree programme coordinator Biologie (Biology)

Module offered by:
Faculty of Biology

ECTS: 5

Method of grading:
Only after successfully completed module(s)

Duration: 1 semester

Module level: Graduate

Module coordinator: 
Degree programme coordinator Biologie (Biology)

Faculty of Biology

Contents:
Introduction to cell culture, cell culture lab equipment, cellular biochemistry and cell structures, cell proliferation, generation of in vitro cell models and their applications, cell culture formats, fundamental cell analytical technologies.

Intended learning outcomes:
Students are able to understand the biochemistry, physiology and genetics of mammalian cell culture, and are able to use these techniques.

Courses:
S (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
A) written examination (usually 30 to 60 minutes, including multiple choice questions) or B) log (usually approx. 10 to 30 pages) or C) oral examination of one candidate each (usually 30 to 60 minutes) or D) oral examination in groups of up to 3 candidates (usually approx. 30 to 60 minutes) or E) presentation (usually 20 to 45 minutes)

Language of assessment: English

Allocation of places:

Additional information:

Referred to in LPO I (examination regulations for teaching-degree programmes):

Module appears in:
Master's degree (1 major) Biology (2011)
Master's degree (1 major) Biology (2014)
Master's degree (1 major) FOKUS Life Science (2012)