Module title: Methods in Life Sciences

Abbreviation: 07-MLS1-171-m01

Module coordinator: degree programme coordinator Biologie (Biology)

Module offered by: Faculty of Biology

ECTS: 10

Method of grading: numerical grade

Only after succ. compl. of module(s)

Duration: 1 semester

Module level: graduate

Other prerequisites: --

Contents:
Versioned molecular techniques, lipid research methods, microscopic methods, immunohistochemistry, mouse models and gene-knockout approaches, protein and molecular biology techniques, PCR, advanced protein biochemistry, methods in bioinformatics and computational biology.

Intended learning outcomes:
Students are able to review and expand their knowledge of standard molecular techniques and are able to choose methods and techniques to design experiments in a specific research area.

Courses (type, number of weekly contact hours, language — if other than German):

V (3)

Module taught in: English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus):

written examination (approx. 60 to 120 minutes).

If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate).

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) Biosciences (2017)

Master's degree (1 major) Biosciences (2018)