## Module title

Methods in Life Sciences

### Abbreviation

07-MLS1-122-m01

## Module coordinator

Dean of Studies Biologie (Biology)

## Module offered by

Faculty of Biology

## ECTS

10

## Method of grading

Numerical grade

## Method of grading

Only after succ. compl. of module(s)

## Duration

1 semester

## Module level

Graduate

## Other prerequisites

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## 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

V (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

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

a) written examination (usually 30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (usually 30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (usually approx. 30 to 60 minutes)

Language of assessment: English

## Allocation of places

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## Additional information

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## Referred to in LPO I

(examination regulations for teaching-degree programmes)

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## Module appears in

Master's degree (1 major) Biology (2011)

Master's degree (1 major) Biology (2014)

Master's degree (1 major) FOKUS Life Sciences (2012)