Module title: Biological Research Methods
Abbreviation: 07-GY-METH-092-m01

Module coordinator: Dean of Studies Biologie (Biology)
Module offered by: Faculty of Biology

ECTS: 4
Method of grading: Only after successfully completed module(s)

Duration: 1 semester
Module level: undergraduate
Other prerequisites: --

Contents:
Overview of important traditional and modern methods in biology that are applied at the Chairs at the Biocentre, ranging from microscopy and chromatography to polymerase chain reaction (PCR).

Intended learning outcomes:
Knowledge of the fields of research the Chairs at the Faculty of Biology are investigating. Familiarity with essential methods in botany and zoology. Knowledge of how to address a problem in biology. Knowledge of how research methods may be implemented in the Gymnasium biology classroom.

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

Method of assessment:
a) written examination (30 to 120 minutes) or b) log (10 to 30 pages) or c) oral examination of one candidate each (20 to 60 minutes) or d) oral examination in groups of up to 3 candidates or e) presentation (20 to 45 minutes) or f) portfolio (30 to 120 hours)

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
§ 61 (1) 7. Biologie "Forschungsorientiertes Praktikum"

Module appears in:
First state examination for the teaching degree Gymnasium Biology (2009)