## Module title
Research Methods in Biology

## Abbreviation
07-GY-BFM-152-m01

### Module coordinator
degree programme coordinator Biologie (Biology)

### Module offered by
Faculty of Biology

### ECTS
5

### Method of grading
Only after succ. compl. of module(s)

### (not) successfully completed
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### 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 Faculty of Biology at the University of Würzburg is investigating.

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

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<th>Type</th>
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<td>S</td>
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<td>German</td>
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### 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 (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours) or g) term paper (approx. 10 to 30 pages) or h) project (approx. 10 to 30 pages) or i) portfolio.

Students will be informed about the method and length of the assessment prior to the course.

### 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
First state examination for the teaching degree Gymnasium Biology (2015)
Master’s teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)