## Module Description

### Module Title
Methods in molecular cell - and developmental Biology

### Abbreviation
07-5S2MZ1-092-m01

### Module Coordinator
holder of the Chair of Zoology I

### Module Offered by
Faculty of Biology

### ECTS
10

### Method of Grading
Numerical grade

### Duration
1 semester

### Module Level
Undergraduate

### Contents
In this module, students will acquire an in-depth insight into approaches and methods in molecular and cell biology.

### Intended Learning Outcomes
Students have acquired knowledge about general strategies and methods of molecular and cell biology. They are able to independently perform scientific laboratory work.

### Courses
This module comprises 3 module components. Information on courses will be listed separately for each module component.

- **07-5S2MZ1-1ZE-092**: V + Ü (no information on SWS (weekly contact hours) and course language available)
- **07-5S2MZ1-2ZE-092**: Ü (no information on SWS (weekly contact hours) and course language available)
- **07-5S2MZ1-3ZE-092**: S (no information on SWS (weekly contact hours) and course language available)

### Method of Assessment
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 07-5S2MZ1-1ZE-092**: Methods in molecular cell - and developmental Biology - Data processing and computer skills (lecture and practice) Methods in molecular cell - and developmental Biology - Data processing and computer skills (lecture and practice)
- 3 ECTS, Method of grading: numerical grade
- a) written examination (approx. 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 (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)
- Language of assessment: German or English

**Assessment in module component 07-5S2MZ1-2ZE-092**: Methods in molecular cell - and developmental Biology (laboratory course)
- 6 ECTS, Method of grading: numerical grade
- a) written examination (approx. 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 (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)
- Language of assessment: German, English

**Assessment in module component 07-5S2MZ1-3ZE-092**: Current topics in molecular cell - and developmental Biology (seminar)
- 1 ECTS, Method of grading: (not) successfully completed
- presentation (approx. 20 to 30 minutes)

### Allocation of Places
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### Additional Information
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<table>
<thead>
<tr>
<th>Referred to in LPO I</th>
<th>(examination regulations for teaching-degree programmes)</th>
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<tbody>
<tr>
<td>Module appears in</td>
<td></td>
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<tr>
<td>Bachelor’ degree (1 major) Biology (2007)</td>
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<tr>
<td>Bachelor’ degree (1 major) Mathematics (2007)</td>
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