### bio900 - Biology Research Module

<table>
<thead>
<tr>
<th>Module label</th>
<th>Biology Research Module</th>
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<tbody>
<tr>
<td>Module code</td>
<td>bio900</td>
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<tr>
<td>Credit points</td>
<td>15.0 KP</td>
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<tr>
<td>Workload</td>
<td>450 h</td>
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<tr>
<td>Used in course of study</td>
<td>Master's Programme Biology &gt; Research Modules</td>
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<tr>
<td>Contact person</td>
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**Module responsibility**
- [Gerhard Wolfgang Zotz](#)

**Authorized examiners**
- [Gerhard Wolfgang Zotz](#)
- [Lehrende der Biologie](#)

**Module counseling**
- [Lehrende der Biologie](#)

**Entry requirements**

**Skills to be acquired in this module**

- Students will learn to plan, perform and analyse a study in a biological field. Topics will be chosen in close coordination with teaching staff. Depending on the particular project, knowledge in statistics, molecular biology, physiology, modelling, or ethology will be necessary. Results will be related to the current biological literature in a written report and be presented in the seminar of the hosting working group.

  + deepened knowledge of biological working methods
  ++ data analysis skills
  ++ critical and analytical thinking
  ++ independent searching and knowledge of scientific literature
  ++ ability to perform independent biological research
  ++ data presentation and discussion in German and English (written and spoken)
  + teamwork
  ++ project and time management
  + statistics & scientific programming

**Module contents**

- The students develop an empirical investigation, carry it out and analyse the results.
- The students present and discuss their project both orally and in writing

**Reader's advisory**

**Links**

**Languages of instruction**

- German, English

**Duration (semesters)**

- 1 Semester

**Module frequency**

- unlimited

**Module capacity**

- unlimited

**Reference text**

Within the Modul bio900 is it possible to take several courses as long as their contents differ substantially. When taking the course group 5.02.960 it is mandatory to choose two courses out of the group A – D.

**Modullevel**

- MM (Mastermodul / Master module)

**Modulart**

- Wahlpflicht / Elective

**Lern-/Lehrform / Type of program**

**Vorkenntnisse / Previous knowledge**

**Examination**

- Time of examination
- Type of examination
- Final exam of module
- internship report

**Course type**

- Projektorientiertes Modul

**SWS**

- 10.00

**Frequency**

- SuSe and WiSe

**Workload attendance**

- 140 h