**Module title**
Quality Assurance, Good Practice, Biosafety and Biosecurity

**Abbreviation**
07-MGLN-152-m01

**Module coordinator**
Coordinator BioCareers

**Module offered by**
Faculty of Biology

**ECTS**
5

**Method of grading**
Numerical grade

**Only after succ. compl. of module(s)**
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**Duration**
1 semester

**Module level**
Graduate

**Other prerequisites**
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**Contents**
Political instruments to conserve biodiversity (convention on biodiversity (CBD), German strategy on biodiversity) as well as corporate social responsibility in the private economy, sponsoring and marketing are discussed. These topics are critically analysed with regard to sustainability, credibility and effectiveness. In addition, the students become familiar with strategies to prevent biodiversity loss and actively contribute to these activities. Good practice in the biosciences, quality assurance approaches and quality culture. Structure, idea and fundamental principles of quality management approaches, DIN EN ISO 9001, regulatory documents and framework in the biosciences including biotechnology, biosafety, biosecurity, risk assessment.

**Intended learning outcomes**
The students know relevant international conventions and German regulations on the conservation of biodiversity. They have become familiar with the regulatory and political framework for the conservation of biodiversity. They are aware of corporate social responsibility in the private economy, sponsoring and marketing are discussed. These topics are critically analysed with regard to sustainability, credibility and effectiveness. In addition, the students become familiar with strategies to prevent biodiversity loss and actively contribute to these activities. Good practice in the biosciences, quality assurance approaches and quality culture. Structure, idea and fundamental principles of quality management approaches, DIN EN ISO 9001, regulatory documents and framework in the biosciences including biotechnology, biosafety, biosecurity, risk assessment.

**Courses**

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<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language — if other than German</th>
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<tr>
<td>V</td>
<td>(1)</td>
<td>German and/or English</td>
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Module taught in: German and/or English

**Method of assessment**

<table>
<thead>
<tr>
<th>Type</th>
<th>Scope</th>
<th>Language — if other than German</th>
<th>Examination offered — if not every semester, information on whether module is creditable for bonus</th>
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<td>Students will be informed about the method, length and scope of the assessment prior to the course. Usually, the following option will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions)</td>
<td>Language of assessment: German and/or English</td>
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**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 (2015)
Master’s degree (1 major) Biosciences (2016)
Master’s teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
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<th>Module description</th>
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<tbody>
<tr>
<td>Master's degree (1 major) Biosciences (2017)</td>
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<td>Master’s degree (1 major) Biosciences (2018)</td>
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