## Module title
Mathematical Biology and Biostatistics

## Abbreviation
07-M-BST-152-m01

### Module coordinator
holder of the Chair of Bioinformatics

### Module offered by
Faculty of Biology

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>numerical grade</td>
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</tbody>
</table>

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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## Contents
Fundamental principles of the most important mathematical and statistical methods in biology.

## Intended learning outcomes
Students will have acquired fundamental skills in the evaluation of experiments, the interpretation of readings and numbers as well as the mathematical description of biological processes.

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

- V (2) + Ü (2)

## Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- written examination (approx. 60 minutes)
- creditable for bonus

## 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
- Bachelor’ degree (1 major) Biochemistry (2015)
- Bachelor’ degree (1 major) Biology (2015)
- Bachelor’ degree (1 major) Computer Science (2015)
- Bachelor’ degree (1 major) Mathematics (2015)
- Bachelor’ degree (1 major) Computational Mathematics (2015)
- Bachelor’s degree (1 major, 1 minor) Biology (Minor, 2015)
- Bachelor’ degree (1 major) Biology (2017)
- Bachelor’ degree (1 major) Biochemistry (2017)
- Bachelor’ degree (1 major) Computer Science (2017)
- Bachelor’ degree (1 major) Computer Science (2019)
- Bachelor’ degree (1 major) Biology (2021)
- Bachelor’s degree (1 major, 1 minor) Biology (Minor, 2020)
- Bachelor’s degree (1 major, 1 minor) Biology (Minor, 2021)
- Bachelor’ degree (1 major) Computer Science und Sustainability (2021)