## Module title

Bioinformatics for Advanced Students in Biochemistry

<table>
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<th>Abbreviation</th>
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<td>07-4BFMZ4-BC-132-m01</td>
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## Module coordinator

holder of the Chair of Bioinformatics

## Module offered by

Faculty of Biology

<table>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>1 semester</td>
<td>undergraduate</td>
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## Method of grading

Only after succ. compl. of module(s)

## Intended learning outcomes

Students are able to use appropriate bioinformatic algorithms to address simple problems as well as to interpret their results.

## Contents

The module will introduce students to the practice of bioinformatics and will cover the following topics: sequence analysis, structure analysis, genome analysis, cellular and metabolic networks as well as gene regulation.

## Courses

V + Ü (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

log (approx. 10 to 20 pages)

Language of assessment: German or English

## Allocation of places

Biochemie (Biochemistry) Bachelor's: 4 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.

## 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 (2013)