Module title
Mathematical Biology and Biostatistics

Abbreviation
07-2BM-072-m01

Module coordinator
holder of the Chair of Bioinformatics

Module offered by
Faculty of Biology

ECTS
4

Method of grading
numerical grade

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

Module level
undergraduate

Other prerequisites
Admission prerequisite to assessment: regular attendance of exercises and successful completion of the respective exercises as specified at the beginning of the course.

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

Method of assessment
written examination (approx. 45 minutes) including multiple choice questions

Allocation of places
Only as part of "spezielles Studienangebot": 30 places.

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's degree (1 major) Biochemistry (2011)
Bachelor's degree (1 major) Biochemistry (2009)
Bachelor's degree (1 major) Biology (2011)
Bachelor's degree (1 major) Biology (2007)
Bachelor's degree (1 major) Biology (2010)
Bachelor's degree (1 major) Mathematics (2012)
Bachelor's degree (1 major) Mathematics (2013)
Bachelor's degree (1 major) Computational Mathematics (2012)
Bachelor's degree (1 major) Computational Mathematics (2013)
Bachelor's degree (1 major, 1 minor) Biology (Minor, 2008)
Bachelor's degree (1 major, 1 minor) Biology (Minor, 2010)
No final examination (2010)