Mathematical Biology and Biostatistics

Module coordinator: holder of the Chair of Bioinformatics

Module offered by: Faculty of Biology

ECTS: 4 numerical grade

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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Referral 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)