Module title: Ecological modelling
Abbreviation: 07-6S3NVO4-092-m01

Module coordinator: holder of the Chair of Zoology III
Module offered by: Faculty of Biology

ECTS: 5
Method of grading: numerical grade
Duration: 1 semester
Module level: undergraduate

Contents:
On the basis of exemplary tasks in ecology, the students will learn about different simulation techniques and modelling methods. At the same time, they will develop their own simulation program to address demographical or evolutionary questions.

Intended learning outcomes:
The students will expand their knowledge in the theory and practice of ecological modelling. They will be able to develop, apply and interpret adequate modelling techniques.

Courses:
This module comprises 2 module components. Information on courses will be listed separately for each module component.
- 07-6S3NVO4-1MO-092: V + Ü (no information on SWS (weekly contact hours) and course language available)
- 07-6S3NVO4-2MO-092: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 07-6S3NVO4-1MO-092: Ecological modelling - Strategies of modelling in ecological science (lecture and practical course)
- 4 ECTS, Method of grading: numerical grade
- a) written examination (approx. 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)
- Language of assessment: German, English

Assessment in module component 07-6S3NVO4-2MO-092: Ecological modelling (seminar)
- 1 ECTS, Method of grading: (not) successfully completed
- presentation (approx. 20 to 30 minutes)

Allocation of places:
--

Additional information:
--

Referred to in LPO I (examination regulations for teaching-degree programmes):
--

Module appears in:
Bachelor' degree (1 major) Biology (2007)