Ecology and Taxonomy of Insects

Module title

Ecology and Taxonomy of Insects

Abbreviation

07-METI-182-m01

Module coordinator

holder of the Chair of Animal Ecology and Tropical Biology

Module offered by

Faculty of Biology

ECTS

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Method of grading

Only after succ. compl. of module(s)

Duration

1 semester

Module level

graduate

Other prerequisites

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Contents

Identification and classification of the characteristics of different groups of arthropods, especially insects. Knowledge of special form is provided. Observation and recording of arthropods in habitat. Experimental laboratory and field work on ecological or behaviour biological characteristics of the respective groups of arthropods. In addition, compilation of species richness and niche differentiation. The aim is to link the phylogenetic and morphological characteristics of arthropods with their ecological functions.

Intended learning outcomes

The students will be able to identify typical families and representatives of major insect orders. They will be able to apply special identification keys as well as to record and evaluate special behaviours. They will be able to design and evaluate experimental approaches in ecological laboratory and field studies.

Courses

 Ü (5)
Module taught in: German and/or English

Method of assessment

a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (15 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes).

Students will be informed about the method, length and scope of the assessment prior to the course.

Language of assessment: German and/or English

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

Master's degree (1 major) Biosciences (2018)