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|---|--------------------------|---|
| <b>Module title</b>   |                          | <b>Abbreviation</b>                         |
| Animal Ecology and Tropical Biology   |                          | 07-MS1TÖ-152-m01                            |
| <b>Module coordinator</b>   |                          | <b>Module offered by</b>                    |
| holder of the Chair of Animal Ecology and Tropical Biology  |                          | Faculty of Biology                          |
| <b>ECTS</b>   | <b>Method of grading</b> | <b>Only after succ. compl. of module(s)</b> |
| 10  | numerical grade          | --  |
| <b>Duration</b>   | <b>Module level</b>      | <b>Other prerequisites</b>                  |
| 1 semester  | graduate                 | --  |
| <b>Contents</b>   |                          |   |
| <p>This module consists of a lecture and a seminar. The lecture gives an overview of the theoretical foundations and current issues in animal ecology. Focus will be on biodiversity and ecosystem functions, multi-trophic interactions and food nets, evolutionary ecology, chemical ecology, tropical ecology, agricultural ecology, and global change. In the seminar, recent scientific publications within the topics mentioned above will be presented and discussed.</p>  |                          |   |
| <b>Intended learning outcomes</b>   |                          |   |
| <p>The students will acquire an advanced knowledge of ecological theories and current research issues in the field of animal ecology. They will be able to interpret scientific publications and apply the acquired knowledge to the solution of current environmental risks.</p>   |                          |   |
| <b>Courses</b> (type, number of weekly contact hours, language – if other than German)  |                          |   |
| V (2) + S (1)<br>Module taught in: German and/or English  |                          |   |
| <b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)  |                          |   |
| <p>a) written examination (30 to 60 minutes, including multiple choice questions) or<br/> c) oral examination of one candidate each (30 to 60 minutes) or<br/> d) oral examination in groups of up to 3 candidates (30 to 60 minutes)<br/> Language of assessment: German and/or English</p>  |                          |   |
| <b>Allocation of places</b>   |                          |   |
| --  |                          |   |
| <b>Additional information</b>   |                          |   |
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| <b>Workload</b>   |                          |   |
| 300 h   |                          |   |
| <b>Teaching cycle</b>   |                          |   |
| --  |                          |   |
| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)  |                          |   |
| --  |                          |   |
| <b>Module appears in</b>  |                          |   |
| <p>Master's degree (1 major) Biology (2015)<br/> Master's degree (1 major) Biosciences (2016)<br/> Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)<br/> Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)<br/> Master's degree (1 major) Biosciences (2017)<br/> Master's degree (1 major) Biosciences (2018)<br/> Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)<br/> Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)<br/> Master's degree (1 major) Biosciences (2021)</p> |                          |   |

exchange program Biosciences (2022)  
Master's degree (1 major) Biosciences (2023)  
Master's degree (1 major) Biosciences (2024)