

<b>Module title</b>		<b>Abbreviation</b>
Modelling in Ecology		07-MMIE-182-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>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Based on selected topics in ecology, students will become familiar with a variety of simulation and modelling techniques. They will also develop their own programs for the simulation of problems in the fields of demography or evolution.		
<b>Intended learning outcomes</b>		
Students have gained knowledge on selected topics in ecology and are familiar with a variety of simulation and modelling techniques. They are to develop their own programs for the simulation of problems in the field of demography or evolution.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
Ü (5) 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)		
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) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Biosciences (2018) Master's degree (1 major) Biosciences (2021) Master's degree (1 major) Biosciences (2023) Master's degree (1 major) Biosciences (2024)		