

module code /  
module title

## ExpEcol/Experimental Ecology

 date / version of the module  
description 25.05.22

1 INFORMATION ON THE MODULE		
1a	module code	ExpEcol
1b	module title (German title)	Experimentelle Ökologie
1c	module title (English title)	Experimental Ecology
1d	credit points	6
1e	responsible for the module	Prof. Dr. Marko Rohlf
1f	type of module	elective module
1g	programs using the module	M. Sc. Ecology
1h	organizational unit offering the module	Klicken Sie hier, um Text einzugeben.
1i	content-related prior knowledge or skills	Prior completion of Experimental Design and Data Analysis and Population Ecology is recommended
1j	learning contents	Experimental Design, Grant Application Writing, Experimental Data Collection and Analysis, Data Presentation, Chemical Ecology, Terrestrial and Aquatic Invertebrate Ecology, Microbial Ecology
1k	learning outcomes/ competencies/ targeted competencies	Students will <ul style="list-style-type: none"> <li>○ be able to design a proper lab-based ecological experiment and formulate their own research ideas according to the guidelines for a DFG Research Grant proposal</li> <li>○ be able to plan, conduct and present their research with an advanced level of independence</li> </ul>

1I	<p>calculation of student workload <i>(part a: calculation of presence time and working hours)</i></p>	<p><b>The total amount of the presence time and working hours of the module has to be calculated additionally in the detailed calculation a) to c).</b></p> <p><b>a) detailed calculation:</b> <b>SWS / presence time/working hours in each course of the module</b></p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>lecture(s) with</td> <td></td> <td>SWS/ contact hours</td> <td></td> <td>hours of presence time</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>1 seminar(s) with</td> <td>1</td> <td>SWS/ contact hours</td> <td>14</td> <td>hours of presence time</td> </tr> <tr> <td><input type="checkbox"/></td> <td>exercise(s) with</td> <td></td> <td>SWS/ contact hours</td> <td></td> <td>hours of presence time</td> </tr> <tr> <td><input type="checkbox"/></td> <td>internship(s) with</td> <td></td> <td>sum of working hours</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>seminar(s) with</td> <td></td> <td>SWS/ contact hours</td> <td></td> <td>total hours of presence time</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>1 laboratory/laboratories with</td> <td>3</td> <td>SWS/ contact hours</td> <td>42</td> <td>total hours of presence time</td> </tr> <tr> <td><input type="checkbox"/></td> <td>tutorial(s) with</td> <td></td> <td>SWS/ contact hours</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td>excursion(s) with</td> <td></td> <td>SWS contact hours in total</td> <td></td> <td>working hours</td> </tr> <tr> <td><input type="checkbox"/></td> <td colspan="5">other form of course (e.g. block seminar), namely this: Klicken Sie hier, um Text einzugeben.</td> </tr> <tr> <td></td> <td>with</td> <td>SWS / with totaly</td> <td>contact hours</td> <td><input type="checkbox"/></td> <td>presence time <input type="checkbox"/> working hours</td> </tr> <tr> <td></td> <td colspan="5"><b>= sum of presence time and working hours:</b></td> </tr> <tr> <td></td> <td colspan="5">56</td> </tr> </table>	<input type="checkbox"/>	lecture(s) with		SWS/ contact hours		hours of presence time	<input checked="" type="checkbox"/>	1 seminar(s) with	1	SWS/ contact hours	14	hours of presence time	<input type="checkbox"/>	exercise(s) with		SWS/ contact hours		hours of presence time	<input type="checkbox"/>	internship(s) with		sum of working hours			<input type="checkbox"/>	seminar(s) with		SWS/ contact hours		total hours of presence time	<input checked="" type="checkbox"/>	1 laboratory/laboratories with	3	SWS/ contact hours	42	total hours of presence time	<input type="checkbox"/>	tutorial(s) with		SWS/ contact hours			<input type="checkbox"/>	excursion(s) with		SWS contact hours in total		working hours	<input type="checkbox"/>	other form of course (e.g. block seminar), namely this: Klicken Sie hier, um Text einzugeben.						with	SWS / with totaly	contact hours	<input type="checkbox"/>	presence time <input type="checkbox"/> working hours		<b>= sum of presence time and working hours:</b>						56				
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	<p>calculation of student workload <i>(part b: preparation time and follow-up work/self-study)</i></p>	<p><b>b) working hours for preparation/follow-up work of the course(s) and/or self-study</b> <b>= sum of working hours:</b></p> <p>Seminar: 40 h Laboratory: 50 h</p>																																																																								
	<p>calculation of student workload <i>(part c: exam preparation etc.)</i></p>	<p><b>c) exam preparation (incl. examination)</b> <b>= sum of working hours:</b></p> <p>34</p>																																																																								

	<p>calculation of student workload</p> <p><i>(total amount of hours including a) - c)</i></p>	<p><b>Total amount of the presence time and working hours a) to c):</b></p> <p>180</p>
1m	<p>description of possible optional courses in the module</p>	<p><u>Can a student choose between different courses within the module?</u></p> <p>NO</p> <p><u>Short description of selection option</u></p> <p>Klicken Sie hier, um Text einzugeben.</p>
1n	<p>language(s) of instruction</p>	<p><input type="checkbox"/> German      <input checked="" type="checkbox"/> English      <input type="checkbox"/> Spanish      <input type="checkbox"/> French</p> <p><input type="checkbox"/> Other, namely this:</p> <p>Klicken Sie hier, um Text einzugeben.</p>
1o	<p>frequency</p>	<p><i>(regular cycle module is offered) e.g.: winter semester, yearly or summer semester, yearly or each semester</i></p> <p>winter semester yearly</p> <p>Klicken Sie hier, um Text einzugeben.</p>
1p	<p>duration</p>	<p>Other, namely this:</p> <p>Three-week block course (including the examination), Tue-Fri</p>
1q	<p>Literature <i>(optional)</i></p>	<p>Klicken Sie hier, um Text einzugeben.</p>
1r	<p>more information on the module <i>(optional)</i></p>	<p>Instructor: Marko Rohlf</p>
<b>2</b>	<p><b>INFORMATION ON THE MODULE EXAMINATION</b> (see also AT Art. 5 section 8)</p>	
2a	<p>type of examination</p>	<p><input type="checkbox"/> module exam; i.e. exam with only one component (MP)</p> <p><input checked="" type="checkbox"/> combination exam, i.e. exam with several components (administered by instructors) (KP)</p> <p><input type="checkbox"/> partial exam; i.e. exam with several components (administered by registrar) (TP)</p>
2b	<p>exam components or prerequisites <i>(type, number)</i></p>	<p><i>PL = graded component of the examination</i>  <i>SL = ungraded component of the examination, coursework</i>  <i>PVL = prerequisite of the examination (see AT Art. 5 Section 10)</i></p> <p><input checked="" type="checkbox"/> PL   2      <input type="checkbox"/> SL        <input type="checkbox"/> PVL   justification</p> <p>If necessary, further explanations:</p> <p>The compensatory principle applies, so that failure in a minor graded component can be compensated by other graded components if the overall performance is sufficient.</p>

2c	Give this information for combination examinations only: Weights (in percentage) of component grades	<p>PL 1: (30%) Grant proposal</p> <p>PL 2: (70%) Poster presentation (of research results)</p> <p>PL 3: <a href="#">Klicken Sie hier, um Text einzugeben.</a></p> <p>PL 4: <a href="#">Klicken Sie hier, um Text einzugeben.</a></p> <p>If necessary, further comments:</p> <p><a href="#">Klicken Sie hier, um Text einzugeben.</a></p>
2d	form of examination (see AT BPO/AT MPO Art. 8, 9 and 10)	<p> <input type="checkbox"/> Assignment      <input type="checkbox"/> Oral examination (single)      <input type="checkbox"/> Presentation, oral  <input type="checkbox"/> Written examination      <input type="checkbox"/> Group examination, oral      <input type="checkbox"/> Presentation and written assignment  <input type="checkbox"/> Portfolio      <input type="checkbox"/> Project report      <input type="checkbox"/> Bachelor Thesis  <input type="checkbox"/> Internship report      <input type="checkbox"/> Colloquium      <input type="checkbox"/> Master Thesis  <input checked="" type="checkbox"/> Other (concrete definition is given in the examination regulations): </p> <p>Grant proposal and Poster presentation</p>
2e	language(s) of instruction	<p> <input type="checkbox"/> German      <input checked="" type="checkbox"/> English      <input type="checkbox"/> Spanish      <input type="checkbox"/> French  <input type="checkbox"/> Other, namely this: </p> <p><a href="#">Klicken Sie hier, um Text einzugeben.</a></p>