

module code /  
 module title

## BehEco/Behavioral Ecology

03.12.23

### 1 INFORMATION ON THE MODULE

1a	module code	BehEco
1b	module title (German title)	Verhaltensökologie
1c	module title (English title)	Behavioral Ecology
1d	credit points	6
1e	responsible for the module	Prof. Dr. Thomas Hoffmeister / Prof. Dr. Matthew Nielsen
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 is recommended
1j	learning contents	<ul style="list-style-type: none"> <li>○ Expertise in a chosen topic in behavioral ecology, e.g.:           <ul style="list-style-type: none"> <li>- Resource utilization and optimal behavior</li> <li>- Ecology of information use, variability and status dependence of behavioral decisions</li> <li>- Cooperation and conflict, sexual selection and mate choice</li> </ul> </li> <li>○ Practice in experimental planning and design</li> <li>○ Practice in conducting behavioral experiments</li> <li>○ Practice in data analysis and interpretation.</li> <li>○ Practice in presentation of the results of a scientific study</li> </ul>
1k	learning outcomes/ competencies/ targeted competencies	Students have gained familiarity with a range of important concepts of behavioral ecology and can describe and relate data to these concepts. They have further gained profound knowledge of a specific concept they have chosen. They have demonstrated the ability to derive hypotheses for manipulative experiments regarding these concepts, as well as to plan, conduct, and analyze these experiments. They furthermore have gained competence in communicating complex theoretical concepts in seminar and poster presentations in a clear way, much like upcoming scientists often need to present their research at conferences or invited seminars.

11	<p>calculation of student workload (part a: calculation of presence time and working hours)</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>2</td> <td>SWS/ contact hours</td> <td>28</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:</td> </tr> <tr> <td></td> <td colspan="5">Klicken Sie hier, um Text einzugeben.</td> </tr> <tr> <td></td> <td>with</td> <td>SWS / with totally</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">70</td> </tr> </table>	<input type="checkbox"/>	lecture(s) with		SWS/ contact hours		hours of presence time	<input checked="" type="checkbox"/>	1 seminar(s) with	2	SWS/ contact hours	28	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 totally	contact hours	<input type="checkbox"/>	presence time <input type="checkbox"/> working hours		<b>= sum of presence time and working hours:</b>						70				
<input type="checkbox"/>	lecture(s) with		SWS/ contact hours		hours of presence time																																																																											
<input checked="" type="checkbox"/>	1 seminar(s) with	2	SWS/ contact hours	28	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 totally	contact hours	<input type="checkbox"/>	presence time <input type="checkbox"/> working hours																																																																											
	<b>= sum of presence time and working hours:</b>																																																																															
	70																																																																															
	<p>calculation of student workload (part b: preparation time and follow-up work/self-study)</p>	<p><b>b) working hours for preparation/follow-up work of the course(s) and/or self-study</b></p> <p><b>= sum of working hours:</b></p> <p>70</p>																																																																														
	<p>calculation of student workload (part c: exam preparation etc.)</p>	<p><b>c) exam preparation (incl. examination)</b></p> <p><b>= sum of working hours:</b></p> <p>40</p>																																																																														

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

2c	Give this information for combination examinations only: Weights (in percentage) of component grades	<p>PL 1: Klicken Sie hier, um Text einzugeben.</p> <p>PL 2: Klicken Sie hier, um Text einzugeben.</p> <p>PL 3: Klicken Sie hier, um Text einzugeben.</p> <p>PL 4: Klicken Sie hier, um Text einzugeben.</p> <p>If necessary, further comments: Klicken Sie hier, um Text einzugeben.</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 checked="" 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 type="checkbox"/> Other (concrete definition is given in the examination regulations): </p> <p>Klicken Sie hier, um Text einzugeben.</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>Klicken Sie hier, um Text einzugeben.</p>