

**Behavioural Ecology (EN)**  
**(BBI1501)**

**Thematics**

<b>Week</b>	<b>Subject</b>	<b>Remarks</b>
1.	Natural selection, ecology and behaviour	
2.	Testing hypotheses in behavioural ecology.	
3.	Economic decisions on the individual level	
4.	Predators versus prey: Evolutionary arms races	
5.	Competing for resources	
6.	Living in Groups	
7.	Sexual selection and sexual conflicts	
8.	Parental Care and Family Conflicts	
9.	Test I.	
10.	Mating systems	
11.	Cooperation	
12.	Communication and Signals	
13.	Human social behaviour in ecological environments	
14.	Test II.	

**Requirements**

<b>Credit:</b>	4
<b>Participation</b>	Compulsory
<b>Requirements:</b>	<p>Two in-class test (max. 10 point, 2*5 point) and one classroom presentation based on theme selected by the student (max. 3 points).</p> <p>Being allowed to take the exam: a minimum of 3 points out of a maximum of 10+3 point by Test I, Test II and classroom presentation is required.</p> <p>There is an opportunity for proposed exam grade, when the Test II is better than mark 2 and sum of the point by Test I, Test II and classroom presentation is over 6 points:</p> <p>mark 3: 6-7 point, mark 4: 8 point, mark 5: 9-10 point.</p>
<b>In class test/mark:</b>	<p>0-49 % mark 1</p> <p>50-59 % mark 2</p> <p>60-79 % mark 3</p> <p>80-89 % mark 4</p> <p>90-100 % mark 5</p>
<b>Sources:</b>	<p>Krebs JR. és Davies NB. 2001 Behavioural Ecology: An Evolutionary Approach. 4th Edition</p> <p>Dawkins, R. (1989) The Selfish Gene.  <a href="https://archive.org/details/richard-dawkins-the-selfish-gene/mode/2up">https://archive.org/details/richard-dawkins-the-selfish-gene/mode/2up</a></p> <p>Danchin, É., Giraldeau, L-A., Cézilly, F. (2008) Behavioural Ecology.</p> <p>Alcock, J. (2001) Animal Behavior.</p>
<b>Web:</b>	<a href="http://zeus.nyf.hu/~szept/kurzusok.htm">http://zeus.nyf.hu/~szept/kurzusok.htm</a>

