

<b>Course:</b> Ecology I.-II.	<b>Course type:</b> seminar practical course	<b>Credits:</b> 2-2	<b>Course ID:</b> KTAK118 KTAK119
<b>Course responsible:</b> Dr. Géczi Róbert	<b>Programme type:</b> full time/ correspondence	<b>Hours/Semester:</b> 10-10/semester	<b>Assessment:</b> exam practical mark
<b>Course objectives:</b> The students learn about ecology in general and get knowledge about the main fields of this science; they can be able to understand the relation between the populations and environment and study how to use the ecological methods in practice. The practical course complete the subjects of the lectures.			
<b>Competencies to be improved:</b> Knowledge: T1; T2; T7 Ability: K5; K8 Attitude: A3; A4 Autonomy and responsibility: F2; F3			
<b>Compulsory literature: in progress</b> <b>Recommended literature:</b>			
<b>Course content:</b> The course comprises the following topics: <ul style="list-style-type: none"> <li>- General description of ecology science: definitions, history, major theories</li> <li>- Hierarchical levels especially supraindividual levels</li> <li>- Biodiversity, biomes and ecosystem ecology</li> <li>- Niche theory and construction</li> <li>- Population ecology</li> <li>- Interspecific interactions</li> <li>- Food webs and trophic levels</li> <li>- Relation to the environment: adaptation and strategies (temperature; water, humid and arid climate; migration; r/K strategies)</li> <li>- Animal and plant ecology</li> </ul> <b>Course requirements:</b> <ul style="list-style-type: none"> <li>- attendance at classes</li> <li>- assignments to submit</li> <li>- presentation of an own topic / research</li> </ul> <b>Grading scale:</b> 100-90%: excellent; 90-80%:good; 80-70%:satisfactory; 70-60%: pass			
<b>Course Programme:</b> WJLF ENVIRONMENTAL SCIENCE	<b>Semester:</b> 2019_2020_1	<b>Lecturer:</b> Bettina Bakos Adjunktus	

Budapest, 2019. november 20.  
Bakos Bettina