

Georg-August-Universität Göttingen		6 C 4 WLH
Module M.FES.721: Ecological functions of wildlife: implications for conservation and management		
<p>Learning outcome, core skills: Animals fulfill various ecological roles within ecosystems. For example, many vertebrate species act as 'mobile links' and transport genetic material or organic matter across large spatial extends. Similarly, the presence or absence of large carnivores, or the abundance of large herbivores in an ecosystem can substantially impact its properties. While the reciprocal relationships between animals and the environment have long been recognized in ecology, we are only now realizing how important anthropogenic activities are for the functions that animals have in ecosystems.</p> <p>The aim of the course is to provide students with an overview of the ecological functions of vertebrate animals and why considering human influences on vertebrate species can be crucial for ecosystem management and biodiversity conservation. In addition, the course will also provide students with a basic understanding on how to investigate these functions and their consequences for ecosystem functions and services</p>		<p>Workload: Attendance time: 56 h Self-study time: 124 h</p>
Course: M.FES.721.Lec Ecological functions of wildlife: implications for conservation and management (Lecture, Seminar)		4 WLH
<p>Examination: Oral Presentation (approx. 20 minutes) M.FES.721.Mp: Ecological functions of wildlife: implications for conservation and management</p> <p>Examination prerequisites: Written exam (30 minutes)</p>		6 C
<p>Examination requirements: To successfully complete the course, students have to demonstrate a general understanding of</p> <ol style="list-style-type: none"> 1. functions fulfilled by vertebrates within ecosystems; 2. human impacts on these ecosystem functions; 3. how to analyze animal-ecosystem relationships; 4. the implications of animal-ecosystem relationships for management and conservation <p>The written exam (examination prerequisite) will take place in the first half of the semester.</p>		
Admission requirements: none	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Dr. Niko Balkenhol	
Course frequency: each winter semester	Duration: 1 semester[s]	
Number of repeat examinations permitted:	Recommended semester:	

cf. examination regulations	
Maximum number of students: 40	