

Georg-August-Universität Göttingen		6 C 4 WLH
Module M.Biodiv.412: Conservation biology		
<p>Learning outcome, core skills: In 412-1, we provide a comprehensive overview of the foundation and history of conservation science, including underlying theories and principles in ecology and biodiversity research. In 412-2, we cover an introduction to trends in biodiversity and illustrate drivers of biodiversity decline such as habitat loss, fragmentation and degradation, overexploitation, climate change, and invasive species. We introduce methods to monitor biodiversity and ecosystem services. We conclude with international approaches to counteract biodiversity loss and critically discuss the role of protected areas, conservation management and ecosystem restoration.</p> <p>The seminars complement the lecture topics and cover recent debates in conservation biology, conservation in agricultural landscapes and global policies in environmental protection and conservation.</p> <p>Core skills acquired: By the end of the lecture, students will have understood the state of global biodiversity, major threats and mitigation measures. They will be able to develop conservation strategies, to critically judge conservation initiatives, and to advise decision makers.</p>		<p>Workload: Attendance time: 56 h Self-study time: 124 h</p>
<p>Course: M.Biodiv.412.VL Conservation biology (Lecture) One lecture from the following options:</p> <ul style="list-style-type: none"> • M.Biodiv.412-1: Origins of Conservation Biology • M.Biodiv.412-2: International Nature Conservation 		2 WLH
<p>Course: M.Biodiv.412.Sem Conservation biology (Seminar) One seminar from the following options:</p> <ul style="list-style-type: none"> • M.Biodiv.412-3: Current topics in Conservation Biology • M.Agr.0089: Ecological Seminar • M.FES.312.1: Global Environmental and Forest Policy 		2 WLH
<p>Examination: Written examination, M.Biodiv.412-1 or M.Biodiv.412-2 (90 minutes) M.Biodiv.412.Mp: Conservation Biology Examination prerequisites: Seminar talk (20 minutes)</p>		6 C
<p>Examination requirements: Participants understand the state of biodiversity, drivers of declines and mitigation measures in various habitats, globally. They have a comprehensive understanding of the methods used in conservation science, both for the natural and social science. They are able to make informed judgements on conservation management, actions and policies. They are able to connect different topical areas of conservation conceptually.</p>		
<p>Admission requirements: none</p>	<p>Recommended previous knowledge: none</p>	

Language: English	Person responsible for module: Prof. Dr. Johannes Kamp
Course frequency: each winter semester	Duration: 1 semester[s]
Number of repeat examinations permitted: twice	Recommended semester:
Maximum number of students: not limited	