

Georg-August-Universität Göttingen		6 C 4 WLH
Module B.MES.109: Plant ecology and diversity		
Learning outcome, core skills: Students are familiar with global to regional scale patterns of plant diversity, the distribution of major climatic and vegetation zones (ecozones, biomes), as well as their predominant land uses and anthropogenic impacts. Students are familiar with basic aut- and synecological concepts in plant and vegetation ecology from the level of the individual plant to plant communities. They have learned to distinguish different major plant communities in Central Europe and are familiar with their specific abiotic site conditions, and their conservation significance. Students are able to apply ecological field methods and to perform basic analyses of diversity and community structure.		Workload: Attendance time: 56 h Self-study time: 124 h
Courses: 1. Plant ecology and diversity (Lecture) 2. Plant ecology and diversity (Field studies)		2 WLH 2 WLH
Examination: Oral examination (approx. 20 minutes)		6 C
Examination requirements: Distribution and determinants of ecozones and biomes, local to global scale patterns of plant diversity, alpha-beta-gamma diversity, aut-and synecological concepts, plant communities and their relations with abiotic site conditions, basic knowledge about field and analysis methods.		
Admission requirements: none	Recommended previous knowledge: none	
Language: English	Person responsible for module: Prof. Dr. Holger Kreft	
Course frequency: each summer semester	Duration: 1 semester[s]	
Number of repeat examinations permitted: cf. examination regulations	Recommended semester: 2	
Maximum number of students: 25		