

Georg-August-Universität Göttingen	6 C 4 WLH
Module M.FES.736: Forest management in a changing climate	
Learning outcome, core skills: The course imparts knowledge about the sustainable management of forest ecosystems. Based on some fundamentals of forest ecology such as the impact of competitive interactions between trees, options of stand management are presented. Mixed stands and their management are of special importance. The course will provide information on how to analyze forest stands and how to derive appropriate silvicultural treatments in order to achieve the goals set by a given forest owner. Examples from temperate and tropical forest ecosystems will be given. An excursion illustrates the concept of continuous-cover-forestry for multiple uses which is presently the most important approach in Central European silviculture.	Workload: Attendance time: 56 h Self-study time: 124 h
Course: M.Forst.1600.Lec-1 Forest Ecosystem management (Lecture)	2 WLH
Course: M.Forst.1600.Lec-2 Management of Tropical and subtropical forests (Lecture)	1 WLH
Course: M.Forst.1600.Exc Continuous cover Forestry for multiple uses (Excursion)	1 WLH
Examination: Written exam (90 minutes) M.FES.736: Forest management in a changing climate	6 C
Examination requirements: Knowledge of silvicultural measures such as tending, thinning and final harvest systems and understanding how these measures impact ecological and physiological processes (tree competition, biomass partitioning, etc.). Fundamentals of the Close-to-nature forestry approach.	
Admission requirements: none	Recommended previous knowledge: Basics in tree physiology and soil science
Language: English	Person responsible for module: Prof. Dr. Christian Ammer
Course frequency: each winter semester	Duration: 1 semester[s]
Number of repeat examinations permitted: cf. examination regulations	Recommended semester:
Maximum number of students: not limited	