

## P11 Forest growth, disturbance and mangement in the tropics

<b>Module</b>	<b>Forest growth, disturbance and mangement in the tropics</b>									
<b>Code</b>	<b>P11</b>									
Coordinator	PD Dr. M. Worbes									
Language	English									
Stud. Workload	180h (60h contact time)									
Credits	6 ECTS									
Frequency (WS/SS)	WS									
Instructors	Dr. L. Schwendenmann, PD Dr. M. Worbes									
Contents	Ecological and specific basics on forest growth and disturbance dynamics of tropical forests. Phenology, wood anatomy, dendrochronology, reaction and adaptation to common and specific climate events. Natural dynamics of individuals, species populations and communities, reactions on disturbance and global change, carbon cycling and sequestration and sustainable management systems.									
Objectives	Students are able to understand (i) dynamical processes in tropical forests; (ii) causes and consequences of global climate change and global carbon cycle; (iii) the climatic, ecological and economical frame conditions of sustainable forest management; (iv) and are able to perform written and oral presentations.									
Literature	Lecture notes with further literature									
Study system usability	Economy			Organic			Tropical			
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Entrance requirements	Basics in ecology and silviculture in the tropics									
Instruction type	Lecture		Seminar		Excursion		Practice		Tutorial	Project
Duration [contact h]	30		30							
Examination type	Oral test	Written test	Homework	Sem. speech	Protocol	Work report	Proj. report	Proj. pres.		
	x		x							
Grade composition	50% written test, 50% homework									