MSc-Module "Forest Resources and their Goods and Services", 07.01.-24.01.2020

Module coordination: Prof. Dr. Hans-Peter Kahle, Chair of Forest Growth, 203-3739

Date	Day	Time from	Time to	Venue	Topic	Lecturer
07.01.2020	Tuesday	09:15	10:15	R 211	Welcome and introduction to people, course objectives and course resources (ask for moderator for discussion round 22.01.2020!)	Kahle
		10:30	11:30		Forest resources: structural key factors, compositional key factors, functional key factors	Kahle
		11:45	12:30		Introduction of group work topics	Kahle, Hoffmann
		12:30	12:45		Assigning students to groups and topics	Kahle
		14:15	15:15		Planing of group work, readings (Tutor present)	Tutor
		15:15	16:45		Readings, group-work/self-study	
08.01.2020	Wednesday	09:15	10:15	R 211	Production potentials of forests: primary production, production of wood/fibres	Kahle
		10:30	11:30		Growing tree species outside their natural ranges: The role of Norway spruce and Douglas-fir in Central Europe - past, present and future	WW
		11:45	12:45		Management of natural forests in the tropics: the Brazilian forest concessions as a case study	Prof. Renato Robert (UFPR, Curitiba)
		14:15	15:15	R 211	Questions and answers (related to group work, tutor present)	Tutor
		15:15	16:45		Readings, group-work/self-study	
09.01.2020	Thursday	09:15	10:15	R 211	Managing forests for ecosystem services: management concepts	Kahle
		10:30	11:30		Managing forests for ecosystem services: trade-offs	Kahle
		11:45	12:45		Green Landscapes - a spatial decision support tool for planning ecosystem service provisioning at a landscape level	Seifert
		14:15	17:30	Field course	Multi-purpose forest management (either management of Douglas fir or of valuable broadleaves in the municipal forest of Freiburg)	Kahle
10.01.2020	Friday	09:15	16:45		Readings, group-work/self-study (Tutors on demand)	
13.01.2020	Monday	09:15	10:15	R 211	Forestry - wood chain (harvesting-extraction-transport-logistics) - Session I	Hoffmann
		10:30	11:30		Forestry - wood chain (harvesting-extraction-transport-logistics) - Session II	Hoffmann
		11:45	12:45		Forestry - wood chain (harvesting-extraction-transport-logistics) - Session III	Hoffmann
		14:15	16:45		Readings, group-work/self-study	
14.01.2020	Tuesday	09:15	10:15	R 211	Discussing open questions/draft of group-work presentations (among and between groups)	Kahle, Hoffmann, Tutor
		10:30	11:30		Innovations in Reduced Impact Logging for sustainable forest management	Prof. Renato Robert (UFPR, Curitiba)
		14:15	16:45		Readings, group-work/self-study	
15.01.2020	Wednesday	09:15	16:45		Readings, group-work/self-study	
16.01.2020	Thursday	09:15	10:15	R 211	Grading of roundwood (lecture I)	Opferkuch
		10:30	11:30		Grading of roundwood (lecture II)	Opferkuch
		13:00	15:30	Field course	Grading of roundwood (exercise)	Opferkuch
17.01.2020	Friday	08:15	17:00	Excursion	Excursion to sawmill and woodchip heating / pellet power plant (details to be confirmed)	Hoffmann / tba
20.01.2020	Monday	09:00	10:30	R 211	Presentation and discussion of group work: Case study 1 & 2	Kahle, Hoffmann
		10:45	12:15		Presentation and discussion of group work: Case study 3 & 4	Kahle, Hoffmann
		13:15	15:00		Presentation and discussion of group work: Case study 5 & 6	Kahle, Hoffmann
21.01.2020	Tuesday	09:15	10:15	R 211	Introduction and overview on agro-forestry systems	Morhart
		10:30	11:30		Valuable timber production in agro-forestry systems	Morhart
		14:15	16:45		Preparation of discussion round, self-study	
22.01.2020	Wednesday	09:15	10:15	R 211	Agro-forestry systems: current research projects	Sheppard
		10:30	11:30		Introduction to and overview of non-timber forest products	Sheppard
		11:45	12:45		The role of non-timber forest products for sustainable forest management in Brazil	Prof. Renato Robert (UFPR, Curitiba)
		14:15	15:45	R 211	Discussion round: Sustainable land- and forest-use - Scenarios and solutions	Kahle, Hoffmann, Robert
		16:00	16:45		Preparation of exam, self-study	
23.01.2020	Thursday	09:15	16:45		Preparation of exam, self-study	
24.01.2020	Friday	10:00	11:00	R 211	Written examination	Kahle
		11:15	12:15		Course revision	Kahle, Hoffmann