Plantation Forestry 2020

	Time	Room	Content/lecture	Lecturer
1st week				
Mon, Feb 17	9.00-13.00	R 310	Introduction and aim of the course; Context and significance of fast-growing plantations;	Bauhus
	14.00-17.00		Self-study/ reading: Cossalter & Pye-Smith, 2003, West 2014 Chapter 1	
Tue, Feb 18	9.00-13.00	R 310	Site selection and plantation establishment; Nursery practice Optional reading: Evans & Turnbull 2004	Bauhus
	14.00-17.00		Self-study/ reading: Burdon 2001 – Pinus radiata	
Wed, Feb 19	9.00-13.00	R 310	Discussion of reading; Burdon 2001, Cossalter & Pye-Smith, 2003 Site preparation and plantation nutrition	Bauhus
	14-17.00		Reading: West 2014, Chapters on “Stand density and initial spacing” and “Thinning”	
Thu, Feb 20	9.00-13.00	R 310	Discussion of reading: West 2014 Growth dynamics and Thinning	Bauhus
	14.00-17.00	R 310	Self-study/reading: Pokorny 2010	
Fri, Feb 21	9.00-13.00	R 310	Social considerations relating to plantations	Pokorny
	14.00-17.00	R 310	Self-study/ reading: West 2014, Chapter on “Pruning” and “Mixed species plantations” Bauhus & Schmerbeck 2010 - Silvicultural options to enhance and use forest plantation biodiversity	
2nd week				
Mon, Feb 24	9.00-13.00	R 310	Pruning in Plantations, Silviculture of mixed-species plantations	Bauhus
	14.00-17.00		Self-study/ reading: Bauhus & Schmerbeck 2010 - Silvicultural options to enhance and use forest plantation biodiversity	
Tue, Feb 25	9.00-13.00	R 310	Plantations and Biodiversity	Bauhus
	14.00-17.00		Self-study/ reading: Nagel 2011: ForestSimulator BWinPro Manual, chapters 1-3	
Wed, Feb 26	9.00-13.00	CIP 3	Silvicultural operations research to optimize wood production and productivity in conifer plantations	Albrecht
Thu, Feb 27	8.00-17.00		Excursion to silvicultural experiments	Albrecht
Fri, Feb 28	9.00-13.00	CIP 3	Silvicultural operations research to optimize wood production and productivity in conifer plantations	Albrecht
	14.00-17.00	CIP 3	Exercise with the growth simulator BWinPro	Albrecht
3rd week				
Mon, Mar 02	9.00-12.00	R 310	Plantations as sustainably managed ecosystems? Lecture and discussion with FSC	Sayer
Tue, Mar 03	9.00-13.00	R 310	Plantation Operations: Planting & Tending Techniques; Harvesting Systems: Machines Concepts and Machine Evaluation; Time Studies; Cost Calculation	Hoffmann
	14.00-17.00		Self study/reading: Ackermann et al. 2014	
Wed, Mar 04	9.00-13.00	R 310	Introduction to the COSTing Tool for machine rate calculations; Ergonomics in Forest Operations; Technical Development in Forest Operations: Experiences from China and Possible Effects on Future Management	Hoffmann
	14.00-17.00		Self-study/ reading: Evans, 2009 (Chap. 2-Plantation History)	
Thu, Mar 05	9.00-17.00		Preparation for oral exam	
Fri, Mar 06	9.00-17.00		Final oral exam	Bauhus