

Forest Conservation Biology – schedule

(version January 15th 2021)

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Half time distance course given from January to June 2021. This time, the meeting in Uppsala is cancelled, so there are no occasions where students have to be at any certain place. However, there are mandatory activities (noted as “mandatory” below) that take place synchronously, i.e. you have to sit in front of your computer at certain times. Also those activities for which a deadline is noted in the schedule below are mandatory, but it is only the time for the deadline which has been set, since these activities are asynchronous. For asynchronous activities, no time is specified at the schedule, only a date.

The modules (used in Canvas) are below written in bold. In the list of the course literature, it is indicated which literature that belongs to different parts of the schedule.

Introduction and biodiversity metrics					
Wed 20 Jan	9:00-10:45	Introduction	intro	TR	mandatory
	11:00-13:00	Ecological concepts	assignment	TR	
Thu 21 Jan		Forest Conservation Biology and the Society	lecture	TR	
		Biodiversity - definition and patterns	lecture	AMH	
		Biodiversity metrics	assignment	AMH	
Fri 22 Jan	9:00-10:00	Discussion: Ecological concepts	assignment	TR	
		Extinctions, declines, and threats	lecture	AMH	
Thu 28 Jan	9:00-10:00	Discussion: Biodiversity, extinctions, threats	discussion	AMH	
Fri 29 Jan		Critical thinking	lecture	AdF	
	18:00	Biodiversity metrics	assignment	AMH	deadline
Ecological concepts					
Wed 3 Feb		Redlists and redlisting	lecture	AMH	
Thu 4 Feb	9:00-11:00	Conservation genetics	lecture	AN	mandatory
		Landscape planning, extinction debts and colonisation credits	lecture	EÖ	
Fri 5 Feb	9:00-12:00	Conservation genetics	assignment	AN	
Thu 11 Feb		Metapopulation ecology	lecture	TR	
Fri 12 Feb	9:00-12:00	Conservation genetics	assignment	AN	mandatory
Wed 17 Feb	9:00-11:15	Extinction debts	lit. sem.	CL, SH	mandatory
Thu 18 Feb		Population Viability Analysis	lecture	TR	
		Indicators and other surrogate tools	lecture	JöS	
Fri 19 Feb	9:00-11:30	Population Viability Analysis	seminar	TR	
	13:00-14:00	Indicators and other surrogate tools	discussion	JöS	

Conditions, processes and disturbances					
Thu 25 Feb		Disturbances and conservation values in boreal forests	lecture	JoS	
Fri 26 Feb		Disturbances and conservation values in nemoral forests	lecture	TR	
	18:00	Conservation genetics	assignment	AN	deadline
Wed 3 Mar		Non-native species	lecture	JöS	
	11:00-11:45	Non-native species	discussion	JöS	
Thu 4 Mar		Climate effects on forestry and species	lecture	EÖ, AdF	
		Browsing of large herbivores	lecture	AnF	
Fri 5 Mar	9:00-11:15	Climate change and biodiversity	lit. sem.	CL,SH	mandatory
Conservation measures in forests					
Thu 11 Mar		Forestry and biodiversity conservation	lecture	AdF	
Fri 12 Mar		Restoration and rewilding	lecture	AMH	
Wed 17 Mar	9:00-11:15	Conservation measures in managed forest	lit. sem.	CL, SH	mandatory
	13:00-14:00	Debate (intro)	assignment	AMH	mandatory
Thu 18 Mar					
Fri 19 Mar	9:00-17:00	Species conservation	exam		mandatory
Nature conservation in the society					
Thu 25 Mar	13:00-16:00	Forestry and biodiversity	assignment	AdF, AF	
Fri 26 Mar	13:00-15:00	Discussion: Forestry and biodiversity	assignment	AdF, AF	
Wed 31 March		Policy, legacy, legislation	lecture	BGJ	
Thu 8 Apr		Compare disturbance regime and conservation values	assignment	TR, JoS	
Fri 9 Apr	9:00-11:15	Swedish forest policy	lit. sem.	CL, SH	mandatory
Thu 15 Apr		Cost-effectiveness	lecture	BGJ	
Fri 16 Apr	9:00-11:15	Cost-effectiveness	lit. sem.	CL,SH	mandatory
Wed 21 Apr		What forests do we like?	lecture	MH	
Thu 22 Apr	9:00-12:00	Debate	assignment	AMH, TR	mandatory
	13:00-16:00	Debate	assignment	AMH, TR	mandatory
Fri 23 Apr	10:00-11:30	Conservation work in organisations	seminar	TR + others	mandatory
	13:00-16:00	Conservation work in organisations	seminar	TR + others	mandatory
	18:00	Debate article	assignment	AMH	deadline
Urban forests and finalisation					
Thu 29 Apr	9:00-11:00	Discussion: Urban ecology	lecture	MH	
Fri 7 May	9:00-11:15	Urban ecology	lit. sem.	CL,SH	mandatory
Wed 12 May		Compare disturbance regime and conservation values	assignment	TR, JoS	

Fri 21 May	20:00	Compare disturbance regime and conservation values	assignment	TR, JoS	deadline
Wed 26 May	09:00	Landscape	exam		mandatory
Thu 27 May		Landscape	exam		mandatory
Fri 28 May	17:00	Landscape	exam		mandatory
Fri 4 Jun	09:00-10:00	Course evaluation		TR	

AdF = Adam Felton

AMH = Anne-Maarit Hekkala

AN = Anita Norman

AnF = Annika Felton

BGJ = BeGe Jonsson

CL = Carl Lehto

EÖ = Erik Öckinger

JoS = Joachim Strengbom

JöS = Jörgen Sjögren

MH = Marcus Hedblom

SH = Svenja Horstmann

TR = Thomas Ranius