

## Schedule 2022

### Forest Conservation Biology Bi1378

**Course leader:** Erik Öckinger; Department of Ecology, [erik.ockinger@slu.se](mailto:erik.ockinger@slu.se); phone 018-672303

The course is running at a 50% pace from January to June 2022.

Please note that there will be a mandatory meeting in Uppsala 21-22 April.

In the schedule, time is indicated for all activities that are synchronous, i.e. where you attend online via Zoom at a certain time point.

For asynchronous activities such as pre-recorded lectures, only the day is indicated. This means that they will be available no later than this date, but you can still choose to do them when it suits you.

Date	Time	Theme	Activity	Teacher	Comment
<b><i>Introduction and biodiversity metrics</i></b>					
Thu 20 Jan	9:00 - 11.00	Introduction	intro	EÖ	mandatory
	11.00-13.00	Ecological concepts	assignment	EÖ	
Fri 21 Jan		Forest Conservation Biology and the Society	lecture	TR	
		Biodiversity - definition and patterns	lecture	AMH	
		Biodiversity metrics	assignment	AMH	
Thu 27 Jan	9:00 - 10:00	Discussion: Ecological concepts	assignment	EÖ	
		Extinctions, declines, and threats	lecture	AMH	
Fri 28 Jan	9:00 - 10:00	Discussion: Biodiversity, extinctions, threats	discussion	AMH	
		Biodiversity metrics	assignment	AMH	deadline
Wed 2 Feb	9:00-10:00	Q&A		EÖ	
<b><i>Ecological foundations of biodiversity conservation</i></b>					
		Critical thinking	lecture	AdF	
Thu 3 Feb		Redlists and redlisting	lecture	AMH	
Fri 4 Feb		Landscape planning, extinction debts and colonisation credits	lecture	EÖ	
Thu 10 Feb	9:00-11:30	Conservation genetics	lecture	AN	mandatory
	13.00-14.00	Landscape planning, extinction debts and colonisation credits	discussion	EÖ	
Fri 11 Feb		Metapopulation ecology	lecture	TR	
Wed 16 Feb	9:00 - 12:00	Conservation genetics	assignment	AN	mandatory
Thu 17 Feb	9:00 - 11:15	Extinction debts	lit. sem.	CL, SH	mandatory

Fri 18 Feb		Population Viability Analysis	lecture	TR	
		Indicators and other surrogate tools	lecture	JöS	
Thu 24 Feb	9:00 - 11:30	Population Viability Analysis	seminar	TR	
	13:00 - 14:00	Indicators and other surrogate tools	discussion	JöS	
<b>Natural and man-made disturbances</b>					
Fri 25 Feb		Climate effects on forestry and species	lecture	EÖ, AdF	
	18:00	Conservation genetics	assignment	AN	deadline
Wed 2 Mar		Browsing by large herbivores	lecture	AnF	
	9:00 - 10:00	Q&A		EÖ	
Thu 3 Mar	9:00 - 11:15	Climate change and biodiversity	lit. sem.	CL,SH	mandatory
		Non-native species	lecture	JöS	
	15:00-16:00	Non-native species	discussion	JöS	
<b>Conservation measures in forests</b>					
Fri 4 Mar		Forestry and biodiversity conservation	lecture	AdF	
Thu 10 Mar		Restoration and rewilding	lecture	AMH	
Fri 11 Mar	9:00 - 11:15	Conservation measures in managed forest	lit. sem.	CL, SH	mandatory
Wed 16 Mar	9:00 - 10:00	Q&A		EÖ	
		Forests for recreation	lecture	CL	
Thu 17 Mar	9:00-10:00	Debate (intro)	assignment	AMH	mandatory
Fri 18 Mar	9:00 - 17:00	EXAM: Species conservation	exam		mandatory
<b>Nature conservation in the society</b>					
Thu 24 Mar	9:00 - 11.30	Forestry and biodiversity	assignment	AdF, AF	
Fri 25 Mar	9:00 - 11:30	Discussion: Forestry and biodiversity	assignment	AdF, AF	
Thu 31 Mar		Policy, legacy, legislation	lecture	BGJ	
Fri 1 Apr	9:00 - 11:15	Swedish forest policy	lit. sem.	CL, SH	mandatory
Wed 6 Apr	9:00 - 10:00	Q&A		EÖ	
Thu 7 Apr		Cost-effectiveness	lecture	BGJ	
Fri 8 Apr		Intro to assignment: Disturbances and conservation values in nemoral forests	assignment	TR, AH, (JoS)	
Wed 20 Apr	9.00-10.00	Introduction to Debate		AMH	mandatory

Thu 21 Apr		Excursion		EÖ, TR	mandatory
Fri 22 Apr		Excursion		EÖ, AH	mandatory
Thu 28 Apr	9:00 - 11:15	Cost-effectiveness	lit. sem.	CL,SH	mandatory
Fri 29 Apr	10:00- 11:30	Conservation work in governmental and private organisations	seminar	EÖ	
	13:00- 16:00	Conservation work in governmental and private organisations	seminar	EÖ, CL	
Wed 4 May	9:00- 12:00	Debate	assignment	AMH	mandatory
Thu 5 May	9:00 - 12:00	Debate	assignment	AMH	mandatory
Fri 6 May	9:00 - 12:00	Debate	assignment	AMH	mandatory
	13:00- 14:00	Q&A		EÖ	
Thu 12 May	9:00 - 11:00	Urban ecology	lecture	EÖ	
Fri 13 May	9:00 - 11:15	Urban ecology	lit. sem.	CL,SH	mandatory
	18:00	Debate article	assignment	AMH	deadline
Thu 19 May		Compare disturbance regime and conservation values	assignment	TR, AH	
Fri 20 May	20:00	Compare disturbance regime and conservation values	assignment	TR, AH	deadline
Wed 25 May	9:00 - 10:00	Course evaluation		EÖ	
Thu 2 Jun	09:00	EXAM: Landscape	exam		mandatory
Fri 3 Jun	17:00	EXAM: Landscape	exam		mandatory

### Teachers

AdF = Adam Felton

AH = Aino Hämäläinen

AMH = Anne-Maarit Hekkala

AN = Anita Norman

AnF = Annika Felton

BGJ =BeGe Jonsson

CL = Carl Lehto

EÖ = Erik Öckinger

JöS = Jörgen Sjögren

SH = Svenja Horstmann

TR = Thomas Ranius