

## Preliminary schedule

### Forest Conservation Biology Bi1378, spring 2023

**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 2023.

**Please note that there will be a mandatory meeting in Uppsala 4 - 5 May.**

In the schedule, the hours are 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	Topic	Type	Teacher	Comments
Thu 19 Jan	9:00 - 11.00	Introduction	intro	EÖ	mandatory
	11.00-13.00	Ecological concepts	assignment	EÖ	
Fri 20 Jan		Forest Conservation Biology and the Society	lecture	TR	
		Biodiversity - definition and patterns	lecture	AMH	
		Biodiversity metrics	assignment	AMH	
Thu 26 jan	9:00 - 10:00	Discussion: Ecological concepts	assignment	EÖ	
		Extinctions, declines, and threats	lecture	AMH	
Fri 27 Jan	9.00-10.00	Discussion: Biodiversity, extinctions, threats	discussion	AMH	
		Critical thinking	lecture	AdF	
		Biodiversity metrics	assignment	AMH	deadline
Thu 2 Feb		Redlists and redlisting	lecture	AMH	
	13:00-14:00	Q&A		EÖ	

Fri 3 Feb		Metapopulation ecology	lecture	TR	
Thu 9 Feb		Landscape planning, extinction debts and colonisation credits	lecture	EÖ	
Fri 10 Feb	9:00-11:30	Conservation genetics	lecture	NC	mandatory
	13:00-14:30	Landscape planning, extinction debts and colonisation credits	discussion	EÖ	
Thu 16 Feb	9:00-11:30	Conservation genetics	assignment	NC	
	13:00-15:15	Extinction debts	lit. sem.	CL, SH	mandatory
Fri 17 Feb	9:00-11:30	Conservation genetics	assignment	NC	mandatory
	13:00-14:00	Q&A		EÖ	
Thu 23 Feb		Population Viability Analysis	lecture	TR	
		Indicators and other surrogate tools	lecture	JöS	
Fri 24 Feb	9:00 - 11:30	Population Viability Analysis	seminar	TR	
	13:00 - 14:00	Indicators and other surrogate tools	discussion	JöS	
		Conservation genetics assignment deadline	deadline		
Wed 1 Mar		Climate effects on forestry and species	lecture	EÖ, AdF	
Thu 2 Mar	9:00 - 11:15	Climate change and biodiversity	lit. sem.	CL,SH	mandatory
		Browsing by large herbivores	lecture	AnF	
Fri 3 Mar		Non-native species	lecture	JöS	
	13:00-14:00	Non-native species	discussion	JöS	
	14:30-15:30	Q&A		EÖ	
Thu 9 Mar					
Fri 10 Mar	9:00 - 17:00	EXAM: Species conservation	exam		mandatory
Wed 15 Mar					
Thu 16 Mar		Forestry and biodiversity conservation	lecture	AdF	

Fri 17 Mar	9:00 - 11:15	Conservation measures in managed forest	lit. sem.	CL, SH	mandatory
		Restoration and rewilding	lecture	AMH	
Thu 23 Mar		Intrinsic versus instrumental values (reading)	assignment	AdF, AF	
Fri 24 Mar	9:00 – 12.00	Intrinsic versus instrumental values	assignment	AdF, AF	
Thu 30 Mar	9:00-10:00	Q&A		EÖ	
		Policy, legacy, legislation	lecture	BGJ	
Fri 31 Mar	9:00 - 11:15	Swedish forest policy	lit. sem.	CL, SH	mandatory
Thu 13 Apr	9.00-10.00	Introduction to Debate		AMH	mandatory
		Cost-effectiveness	lecture	BGJ	
Fri 14 Apr		Intro to assignment: Disturbances and conservation values	assignment	TR, ER	
Thu 20 Apr	9:00-11:15	Cost-effective conservation		CL,SH	
	11:30-12:30	Q&A		EÖ	
Fri 21 Apr	9:00-16:00	Conservation work in governmental and private organisations	seminar	EÖ, CL	
Thu 27 Apr	9:00 - 12:00	Debate	assignment	AMH	mandatory
	13:00-15.00	Debate	assignment	AMH	mandatory
Fri 28 Apr	9:00 - 12:00	Debate	assignment	AMH	mandatory
Thu 4 May	8:00-17:00	Excursion, boreal forests	excursion	ER, EÖ	mandatory
Fri 5 May	9:00-16:00	Excursion, nemoral forests	excursion	TR, EÖ	mandatory
Wed 12 May					
Thu 11 May		Urban forests and biodiversity	lecture	EÖ	
	13:00-14:30	Urban forests and biodiversity	discussion	EÖ	
Fri 12 May	9:00 - 11:15	Urban ecology	lit. sem.	CL,SH	mandatory
		Debate article assignment	deadline		

Fri 19 May		Compare disturbance regime and conservation values	assignment		
Thu 25 May	9:00-11:00	Q&A, course evaluation		EÖ	
		Compare disturbance regime and conservation values	assignment		
Fri 26 May		Compare disturbance regime and conservation values	assignment	TR, AH	deadline
Thu 1 Jun		Home exam		EÖ	
Fri 2 Jun		Home exam		EÖ	

### Teachers

EÖ	Erik Öckinger	Department of Ecology	<a href="mailto:erik.ockinger@slu.se">erik.ockinger@slu.se</a>
AMH	Anne-Maarit Hekkala	Department of Wildlife, Fish, and Environmental Studies	<a href="mailto:anne.maarit.hekkala@slu.se">anne.maarit.hekkala@slu.se</a>
AdF	Adam Felton	Southern Swedish Forest Research Centre	<a href="mailto:adam.felton@slu.se">adam.felton@slu.se</a>
AnF	Annika Felton	Southern Swedish Forest Research Centre	<a href="mailto:annika.felton@slu.se">annika.felton@slu.se</a>
BGJ	Bengt-Gunnar Jonsson	Department of Wildlife, Fish, and Environmental Studies	<a href="mailto:bengt.gunnar.jonsson@slu.se">bengt.gunnar.jonsson@slu.se</a>
CL	Carl Lehto	Department of Ecology	<a href="mailto:carl.lehto@slu.se">carl.lehto@slu.se</a>
ER	Ellinor Ramberg	Department of Ecology	<a href="mailto:ellinor.karin.ramberg@slu.se">ellinor.karin.ramberg@slu.se</a>
JS	Jörgen Sjögren	Department of Wildlife, Fish, and Environmental Studies	<a href="mailto:jorgen.sjogren@slu.se">jorgen.sjogren@slu.se</a>
NC	Nicolas Chazot	Department of Ecology	<a href="mailto:nicolas.chazot@slu.se">nicolas.chazot@slu.se</a>
SH	Svenja Horstmann	Department of Ecology	<a href="mailto:svenja.horstmann@slu.se">svenja.horstmann@slu.se</a>
TR	Thomas Ranius	Department of Ecology	<a href="mailto:thomas.ranius@slu.se">thomas.ranius@slu.se</a>