

## Forest Conservation Biology Bi1378, spring 2025

**Course leader:** Aino Hämäläinen; Department of Ecology, [aino.hamalainen@slu.se](mailto:aino.hamalainen@slu.se)

The course is running at a 50% pace from January to June 2025.

**Please note that there will be a mandatory meeting in Uppsala 8-9 May. In addition, note that there will be an on-campus exam 5<sup>th</sup> June. You will be able to choose on which campus you want to do the exam (Uppsala, Umeå, or Alnarp/Malmö).**

In the schedule, hours are indicated for all synchronous activities, i.e. activities that 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 in Canvas from this date onwards, but you can choose to do them when it suits you.

Date	Time	Topic	Type	Where?	Teacher	Comments
Thu 23 Jan	9:00-11:00	Introduction	intro	Zoom	AH	mandatory
Thu 23 Jan	11:00-13:00	Ecological concepts	exercise	Zoom	EÖ	
Fri 24 Jan		Forest Conservation Biology and the Society	lecture	Canvas	TR	
Fri 24 Jan		Biodiversity - definition and patterns	lecture	Canvas	PB	
Fri 24 Jan		Biodiversity metrics	assignment	Canvas	PB	
Thu 30 Jan		Extinctions, declines, and threats	lecture	Canvas	AMH	
Thu 30 Jan	14:00-15:30	Discussion: Ecological concepts	discussion	Zoom	EÖ	
Fri 31 Jan	9:00-10:00	Discussion: Biodiversity, extinctions, threats	discussion	Zoom	AMH	
Fri 31 Jan		Critical thinking	lecture	Canvas	AdF	
Fri 31 Jan		Biodiversity metrics assignment	deadline	Canvas	PB	
Thu 6 Feb		Redlists and redlisting	lecture	Canvas	AMH	
Thu 6 Feb	13:00-14:00	Q&A		Zoom	AH	
Fri 7 Feb		Metapopulation ecology	lecture	Canvas	TR	

Thu 13 Feb		Landscape planning, extinction debts and colonisation credits	lecture	Canvas	EÖ	
Thu 13 Feb	13:00-14:30	Landscape planning, extinction debts and colonisation credits	discussion	Zoom	EÖ	
Fri 14 Feb	9:00-11:15	Extinction debts	lit. sem.	Zoom	MT	mandatory
Wed 19 Feb	9:00-11:30	Conservation genetics	lecture	Zoom	NC	mandatory
Wed 19 Feb	13:00-15:30	Conservation genetics	exercise	Zoom	NC	
Fri 21 Feb	13:00-15:30	Conservation genetics	exercise	Zoom	NC	mandatory
Thu 27 Feb		Population Viability Analysis	lecture	Canvas	TR	
Thu 27 Feb		Indicators and other surrogate tools	lecture	Canvas	Jös	
Fri 28 Feb	9:00 - 11:00	Metapopulation ecology and Population Viability Analysis	seminar	Zoom	TR	
Fri 28 Feb	13:00 - 14:00	Indicators and other surrogate tools	discussion	Zoom	Jös	
Fri 28 Feb		Conservation genetics assignment	deadline	Canvas		
Thu 6 Mar		Climate effects on species and biodiversity	lecture	Canvas	EÖ	
Thu 6 Mar		Climate change adaptation and mitigation strategies	lecture	Canvas	AdF	
Fri 7 Mar	9:00 - 11:15	Climate change and biodiversity	lit. sem.	Zoom	MT	mandatory
Fri 7 Mar		Browsing by large herbivores	lecture	Canvas	AnF	
Thu 13 Mar		Non-native species	lecture	Canvas	Jös	
Thu 13 Mar	14:30-15:30	Q&A		Zoom	AH	
Fri 14 Mar	13:00-14:00	Non-native species	discussion	Zoom	Jös	
Thu 20 Mar		Sweden's forest state within the global forest context	lecture	Canvas	AdF	
Fri 21 Mar	9:00 - 11:15	Conservation measures in managed forest	lit. sem.	Zoom	MT	mandatory
Fri 21 Mar		Restoration and rewilding	lecture	Canvas	AMH	
Thu 27 Mar		Intrinsic versus instrumental values (individual preparations)	exercise	Canvas	AdF, AnF	
Fri 28 Mar	9:00 – 12.00	Intrinsic versus instrumental values	assignment	Zoom	AdF, AnF	

Thu 3 Apr	9:00-10:00	Intro to assignment: Disturbances and conservation values	assignment	Zoom	JSm	mandatory
Thu 3 Apr		Policy, legacy, legislation	lecture	Canvas	BGJ	
Fri 4 Apr	9:00 - 11:15	Swedish forest policy	lit. sem.	Zoom	MT	mandatory
Thu 10 Apr		Cost-effectiveness	lecture	Canvas	BGJ	
Fri 11 Apr	9:00-11:15	Cost-effective conservation	lit.sem	Zoom	MT	mandatory
Thu 24 Apr	9:00-10:00	Introduction to Debate	assignment	Zoom	MT	mandatory
Fri 25 Apr	9:00-16:00	Conservation work in governmental and private organisations	seminar	Zoom	EÖ	
Thu 8 May	9:00-17:00	Excursion, boreal forests	excursion	UPPSALA	AH, JSm	mandatory
Fri 9 May	9:00-16:00	Excursion, nemoral forests	excursion	UPPSALA	TR, EÖ	mandatory
Thu 15 May	9:00 - 12:00	Debate	assignment	Zoom	MT	mandatory
Thu 15 May	13:00-15.00	Debate	assignment	Zoom	MT	mandatory
Fri 16 May	9:00 - 12:00	Debate	assignment	Zoom	MT	mandatory
Thu 22 May		Urban forests and biodiversity	lecture	Canvas	EÖ	
Fri 23 May	9:00 - 11:15	Urban ecology	lit. sem.	Zoom	MT	mandatory
Wed 28 May	9:00-10:30	Q&A, course evaluation		Zoom	AH	
Wed 28 May	13:00-14:30	Urban forests and biodiversity	discussion	Zoom	EÖ	
Fri 30 May		Disturbances and conservation values, assignment	deadline	Canvas		
Fri 30 May		Debate article assignment	deadline	Canvas		
Thu 5 June	14:00-19:00	EXAM	Exam	UPPSALA, UMEÅ, ALNARP	AH	

## Teachers

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