

BI1434

Skogsekologi och naturvård

Forest Ecology and Conservation Biology

This schedule may undergo minor changes during the course. The latest version is available on the course homepage.

*Indicates mandatory sessions

Date	Time	Room	Type	Title	Instructor	Reading
Introduction						
Mon 01 Sep	13.00- 15.00	Vita Havet	Lecture	Course Introduction	FAJ/SFH	
Tue 02 Sep	10.00- 12.00	Vita Havet	Lecture	Introduction to forest ecology and conservation biology	SFH	Routledge 1 Ecology 23
	13.00- 15.00	Vita Havet	Lecture	Introduction to term project	SFH	
Introduction to Conservation Biology						
Wed 03 Sep	10.00- 12.00	Vita Havet	Lecture	Forest Biodiversity	AMH	Routledge 2, 21 + Choose one of Routledge 3, 4, or 5
Thu 04 Sep	10.00- 12.00	Sibirien	Lecture	Values and ethics in conservation biology	FAJ/SFH	
	13.00- 15.00	Vita Havet	Debate	Values and Ethics	FAJ /SFH	
Fri 05 Sep	10.00- 12.00	Vita Havet	Literature seminar*	Literature Seminar	FAJ	Bradshaw et al (2021) <i>Frontiers in..</i>

	13.00-15.00	Vita Havet	Lecture	Forest Biodiversity – retention forestry?	FAJ	Ecology 11
Mon 08 Sep	09.00-12.00	Vita Havet	Lecture	South African Forest Biodiversity?	RCS (guest lecturer)	
Excursions for Conservation Planning						
	13:00-16.00?			Excursion Degersjön	FAJ /SFH	
Tue 09 Sep	08.45-12.00			Excursion Grössjön	Marlene Olsson FAJ /SFH	
	13:00-16.00?			Excursion Management plan location	FAJ /SFH/NR	
Community Ecology						
Wed 10 Sep	10.00-12.00	Vita Havet	Lecture	Plant Functional Traits	CS	Ecology 16
Thu 11 Sep	10.00-12.00	Vita Havet	Lecture	Plant – Soil Feedback	CS	
	13.00-15.00	Vita Havet	Lecture	Plants and fungi in forest succession	VB	
Fri 12 Sep	10.00-12.00	Sibirien	Lecture	Trophic Cascades	RS	Ecology 21
	13.00-16.00		Lab*	Isle Royale		
Ecosystem Ecology						
Mon 15 Sep	10.00-12.00	Vita Havet	Lecture	Plants – Fungi and Mycorrhizal Networks	SFH	Routledge 22

	13.00-15.00	Vita Havet	Lecture	Invasive Species	NR	
Tue 16 Sep	10.00-12.00		Lab*	Community Dynamics		
	13.00-15.00	Vita Havet	Lecture	Forest Ecosystems (incl. C and N)	MG	Routledge 23, 25 Ecology 22
Wed 17 Sep	10.00-12.00	Vita Havet	Lecture	Forest Succession	MG	Routledge 10
Thu 18 Sep	10.00-12.00	Vita Havet	Lecture	Forest Diversity, Function, and Resilience	MG	
	13.00-15.00	Bokskogen	Workshop*	Finding Information	JP	
Fri 19 Sep	09.00-12.00		Lab*	Decomposition		
	13.00-16.00		Lab*	Intermediate Disturbance Hypothesis		
Behavioural Ecology						
Mon 22 Sep	10.00-12.00	Vita Havet	Lecture	Animal Behaviour	AB	
	13.00-15.00	Sibirien	Lecture	Sociality	AB	
Tue 23 Sep	10.00-12.00		Lab*	Behavioural Ecology		
	13.00-15.00			Open time		
Wed 24 Sep	10.00-12.00	Vita Havet	Literature seminar*	Literature Seminar	SFH	Bello et al (2015) <i>Science</i>

Thu 25 Sep	10.00- 12.00	Siberian		Term Project Meetings	FAJ/ SFH	
	13.00- 15.00			Open time		
Fri 26 Sep	10.00- 12.00	Siberian	Workshop*	Writing Workshop	MW	
	13.00- 16.00		Lab*	Genetic Drift and Bottlenecked Ferrets		
Evolutionary Ecology						
Mon 29 Sep	10.00- 12.00	Vita Havet	Lecture	Population Genetics	AN	Ecology 6
	13.00- 15.00		Lab*	Finches and Evolution		
Population Ecology						
Tue 30 Sep	9.00-12.00	Siberian	Workshop	Population Growth Models	TH (10- 12)	Ecology 9, 10
	13.00- 15.00	Siberian	Lecture	Population Ecology I	TH	
Wed 01 Oct	10.00- 12.00	Vita Havet	Lecture	Population Ecology II	TH	
Landscape Ecology						
Thu 02 Oct	10.00- 12.00	Vita Havet	Lecture	Landscape Ecology	EH	Routledge 30 Ecology 18
	13.00- 16.00		Lab*	Patchy Prairies		
Fri 03 Oct	10.00- 12.00	On your own	Reading	Landscape Genetics		Feng & Du (2022) <i>Frontiers in...</i>

	13.00-16.00			Excursion		
Forest Conservation						
Mon 06 Oct	10.00-12.00	Vita Havet	Lecture	Restoration Ecology I	JS	
	13.00-15.00	Vita Havet	Lecture	Restoration Ecology II	FAJ	
Tue 07 Oct	10.00-12.00	Vita Havet	Lecture	Nature Preservation and Protected Areas	JS	
	13.00-15.00	Vita Havet	Lecture	Climate change	FAJ	Routledge 36
Wed 08 Oct	10.00-12.00	Vita Havet	Lecture	Local to Global – Challenges and Solutions	SMH	
Thu 09 Oct	10.00-12.00	Vita Havet	Lecture	Conservation in Practice – Successes and Failures	SMH	
	13.00-15.00	Vita Havet	Lecture	International perspectives of conservation	AM RCW (guest lecturer)	Routledge 6 Routledge 28
Fri 10 Oct	10.00-12.00	Siberian	Literature Seminar*	Literature Seminar	SFH	Bastin et al (2019) <i>Science</i>
	13.00-15.00		Lab*	Climate Change		
Mon 13 Oct	10.00-12.00	Vita Havet + field	Lecture + field	Quantifying biodiversity	FAJ/SFH	
	13.00-16.00	Field + Vita Havet	+ data processing	Quantifying biodiversity Exercise	FAJ/SFH	
Tue 14 Oct	10.00-12.00	Vita Havet	+ open traps	Process data	NR	

	13.00-15.00	Vita Havet	Lecture	AI activity	FAJ/SFH	
Term Project						
Wed 15 Oct	10.00-12.00		Self Study	Term Project		
Thu 16 Oct	10.00-12.00		Self Study	Term Project		
	13.00-15.00		Self Study	Term Project		
Fri 17 Oct	10.00-12.00		Self Study	Term Project		
	13.00-15.00		Self Study	Term Project		
Mon 20 Oct	09.00-12.00		Self Study	Term Project		
	13.00-15.00		Self Study	Term Project		
Tue 21 Oct	09.00-16.00		Self Study	Term Project		
	13.00-15.00		Self Study	Term Project Written Due: 23:59		
Wed 22 Oct	09.00-16.00		Self Study	Term Project		
Thu 23 Oct	13.00-14.00		Self Study	Study Time		
Fri 24 Oct	09.00-16.00		Self Study	Study Time		
Final Exam						

Mon 27 Oct	09.00- 12.00	Vita Havet	*	Oral Presentations		
	13.00- 16.00		Self Study	Study Time		
Tue 28 Oct	10.00- 12.00		Self Study	Study Time		
	13.00- 16.00		Self Study	Study Time		
Wed 29 Oct	09.00- 12.00		Exam	Written Exam		
Thu 30 Oct	09.00- 12.00	Enbäret	Exam	Oral Exam	FAJ/SFH	
	13.00- 14.00	Vita Havet	Lecture* (Mandatory)	Course Conclusion	FAJ/SFH	

Course Leaders

FAJ Faith Jones
SFH Stefan Hupperts

Institutionen för vilt, fisk och miljö
Institutionen för skogens ekologi och skötsel

Course Instructors

AB	Aneesh Bose	Institutionen för vilt, fisk och miljö
AMH	Anne-Maarit Hekkala	Institutionen för vilt, fisk och miljö
AN	Anita Norman	Institutionen för vilt, fisk och miljö
CS	Clydecia Spitzer	Institutionen för skogens ekologi och skötsel
EH	Eliza Hasselquist	Institutionen för skogens ekologi och skötsel
JP	Jonas Petersson	Library
JS	Johan Svensson	Institutionen för vilt, fisk och miljö
MG	Michael Gundale	Institutionen för skogens ekologi och skötsel
MS	Maja Sundqvist	Institutionen för skogens ekologi och skötsel
MW	Maria Wiklund	Library
RCS	Rudi C Swart	Nature's Valley Trust, South Africa. Guest
NR	Nolan Rappa	Institutionen för vilt, fisk och miljö
RS	Robert Spitzer	Institutionen för vilt, fisk och miljö
SMH	Sheila Holmes	Institutionen för vilt, fisk och miljö
TH	Tim Hofmeester	Institutionen för vilt, fisk och miljö
VB	Vincent Buness	Institutionen för skogens ekologi och skötsel