

Forest and Landscape Ecology - BI1386

Skogs- och landskapsekologi - BI1386

Spring 2024
20240115 - 20240319

Week 3					
Date	Time		Activity	Place	Teacher
Mon 15/01	9:15-9:45	Intro to the course	Lecture	Sunnan	Lisa Petersson&Matts Lindbladh
	10.00-12.00	The Nature of Ecology (Ch 1)	Lecture	Sunnan	Matts Lindbladh
	13:00-17:00	Read Ch2, Ch3	Individual studies		
Tue 16/01	09:15-12:00	How to write scientific text	Lecture	Sunnan	Igor Drobyshev
	13:00-15:00	Climate (Ch2) & Water Cycle (Ch3)	Lecture	Sunnan	Emil Andersson
Wed 17/01	9:15-12:00	Read Ch3, Ch4	Individual studies		
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 18/01	09:15-12:00	Scientific Methods in Ecology	Lecture	Sunnan	Igor Drobyshev
	13:00-16:00	Reading and using scientific texts	Lecture	Silvicum	Maria Wiklund&Lisa Petersson
Frid 19/01	09:15-12:00	Terrestrial Environment (Ch4)	Lecture	Articum 2/3	Benjamin Forsmark
	13:00-17:00	Read Ch1 (from Monday's lecture), Ch21	Individual studies		
Week 4					
Date	Time			Place	Teacher
Mon 22/01	09:15-12:00	Soil Ecology (Ch21)	Lecture	Articum 2/3	Benjamin Forsmark
	13:00-16:00	Soil Lab: Decomposition experiment (G5)	Lab Work	Mikroskopirum Articum	Benjamin F/Maria T/Lisa Petersson
Tue 23/01	08:00-12:00	Soil Lab: Decomposition experiment (G1&2)	Lab Work	Mikroskopirum Articum	Benjamin F/Maria T/Lisa Petersson
	13:00-16:00	Soil Lab: Decomposition experiment (G3&4)	Lab Work	Mikroskopirum Articum	Benjamin F/Maria T/Lisa Petersson
Wed 24/01	9:15-12:00	Decomposition experiment: Lab work	Lab Work	Soil lab	Benjamin F/Maria T/Lisa Petersson
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 25/01	09:15-12:00	Introduction excel: Databases and plots	Lecture	Magasinet A-C	Adam Flöhr
	13:00-17:00	Decomposition experiment: Write the report	Individual studies		
Fri 26/01	09:15-12:00	Decomposition experiment: Write the report	Individual studies		
	13:00-17:00	Read Ch5, Ch6	Individual studies		
Week 5					
Date	Time			Place	Teacher
Mon 29/01	09:15-12:00	Adaptation and Natural Selection (Ch5)	Lecture	Sunnan	Joan DC/Laura JC
	13:00-17:00	Read Ch12, Ch7	Individual studies		
Tue 30/1	09:15-12:00	Plant adaptation (Ch6) & Niche (Ch12)	Lecture	Sunnan	PO Hedwall
	13:00-15:00	Winter Botany - Campus tour	Excursion	reet outside Silvicum buildi	Jörg B/Matts L/Lisa P
Wed 31/01	09:15-11:00	Animal adaptation (Ch7)	Lecture	Sunnan	Laura JC/Joan DC

	11:00-12:00	Citizen Science databases - Intro	Computer session	Stallet & Ladan	Joan DF/Emil A
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 01/02	08:00-17:00	Study for exam 1	Individual studies		
Fri 02/02	08:00-12:00	Exam 1			
Week 6					
Date	Time			Place	Teacher
Mon 05/02	10:00-12:00	Basics in Statistics	Lecture	Sunnan	Adam Flöhr
	13:00-15:00	How to make a good oral presentation	Lecture	Sunnan	Matts Lindblad
Tue 06/02	10:00-12:00	Excel - data manipulation and plotting	Computer session	Magasinet A-C	Adam Flöhr
	13:00-15:00	Basics in Statistics	Lecture	Sunnan	Adam Flöhr
Wed 07/02	8:00-12:00	Read Ch15, Ch16	Individual studies		
		Deadline submission decomposition experiment report (WAC)	Individual studies		
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 08/02	9:15-12:00	Excel - statistical analysis exercise lab	Computer session	Magasinet A-C	Adam Flöhr
	13:00-16:00	Parasitism and Mutualism (Ch15)	Lecture	Sunnan	Joan Diaz Calafat
Fri 09/02	8:00-12:00	Read Ch8, Ch9	Individual studies		
	13:00-17:00	Prepare for Monday presentation	Individual studies		
Week 7					
Date	Time			Place	Teacher
Mon 12/02	9:15-12:00	Presentation of Decomposition experiment	Presentations group A	Stora sessionssalen/Skörden	Benjamin F/Maria T/Lisa P
	13:15-16:00	Presentation of Decomposition experiment	Presentations group B	Stora sessionssalen/Skörden	Benjamin F/Maria T/Lisa P
Tue 13/02	09:15-12:00	Populations – properties and growth (Ch 8 & 9)	Lecture	Sunnan	PO Hedwall
	13:00-17:00	Read Ch18, Ch23	Individual studies		
Wed 14/02	10:00-12:00	Community structure & dynamics pt 1 (Ch16 & 18)	Lecture	Sunnan	Jörg Brunet
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 15/02	10:00-12:00	Community structure & dynamics pt 2 (Ch16 & 18)	Lecture	Sunnan	Jörg Brunet
	13:00-15:00	Read Boreal forests	Individual studies		
Fri 16/02	09:15-10:30	Intro Ecological biogeography	Lecture	Sunnan	Jörg Brunet
	10:30-12:00	Terrestrial Ecosystems: Temperate forest (Ch23)	Lecture	Sunnan	Jörg Brunet
	13:00-17:00	Read Why do some tropical forests have so many species of trees?	Individual studies		
Week 8			Sport Week!		
Date	Time			Place	Teacher
Mon 19/02	09:15-12:00	Terrestrial Ecosystems: Boreal forest (Ch23)	Lecture	Sunnan	Lisa Petersson
	13:00-17:00	Read Ch24, Ch25	Individual studies		
Tue 20/02	09:15-12:00	Terrestrial Ecosystems: Temperate grasslands (Ch23)	Lecture	Sunnan	Lisa Petersson & Matts Lindblad
	13:00-15:00	Terrestrial Ecosystems: Tropical forest pt 1 (Ch23)	Lecture	Sunnan	Nora Sophie Pohl
Wed 21/02	09:15-12:00	Decomposition experiment: Write final version of report	Individual studies		
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 22/02	09:15-12:00	Terrestrial Ecosystems: Tropical forest pt 2 (Ch23)	Lecture	Sunnan	Carl Salk

	13:00-15:00	Aquatic ecosystems: marine and freshwater habitats (Ch 24 & 25)	Lecture	Sunnan	Jaime Luna
Fri 23/02	13:00-17:00	Deadline submission revised decomposition report	Individual studies		
Week 9					
Date	Time		inte Jörg	Place	Teacher
Mon 26/02	09.15-12.00	Your own research project: Citizen science data base iNaturalist	Lecture	Stallet & Ladan	Joan DC, Emil A
	13:00-16:00	Your own research project: Citizen science data base iNaturalist	Lab Work	Stallet & Ladan	Joan DC, Emil A
Tue 27/02	09:15-12:00	Ecosystem services	Lecture	Sunnan	Igor Drobyshev
	13:00-16:00	Read (Ch10, Ch19)			
Wed 28/02	09:15-12:00	Island biogeography (Ch19)	Lecture	Sunnan	Igor Drobyshev
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 29/02	8:00-12:00	Read Ch11, Ch13	Individual studies		
	13:00-15:00	Life History (Ch10), Intra population regulation (Ch11) and Intraspecific competition (Ch13)	Lecture	Sunnan	Matts Lindbladh
Fri 01/03	10.00-12.00	Life History (Ch10), Intra population regulation (Ch11) and Intraspecific competition (Ch13)	Lecture	Sunnan	Matts Lindbladh
	13:00-17:00	Read Ch26			
Week 10					
Date	Time		Jörg	Place	Teacher
Mon 04/03	10:00-12:00	Patterns of biodiversity, forest pt 1 (Ch26)	Lecture	Sunnan	Jörg Brunet
Tue 05/03	10:00-12:00	Patterns of biodiversity, forest pt 2 (Ch26)	Lecture	Sunnan	Jörg Brunet
	13:00-15:00	<i>Nothing scheduled (reserve)</i>			
Wed 06/03	09:15-12:00	Campus walk - Ecology. Broadleaf forest	Excursion	Meet outside Silvicum buildi	Jörg Brunet
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 07/03	8:00-12:00	Individual studies	Individual studies		
	13:00-14:00	Exam tree buds	Examination	Silvicum	Matts Lindbladh, Lisa Petersson
Fri 08/03	Full day	Hässleholm: Restoration of military area	Excursion		Lasse W, Jörg B
Week 11					
Date	Time			Place	Teacher
Mon 11/03	09:15-12:00	Disturbance ecology	Lecture	Sunnan	Igor Drobyshev
	13.00-15.00	Forest conservation in practice pt 1: Söderåsen National Park	Lecture	Silvicum	Tove Hultberg
Tue 12/03	9:15-12:00	Retention forestry	Lecture	Sunnan	Matts Lindbladh
	13:00-15:00	Forest conservation in practice pt 2: Södra Forest Owners Association	Lecture	Silvicum	Klara Joelsson/Tomas Rahm
Wed 13/03	09:15-11:45	Herb layer ecology & restoration: Sweden and Japan	Lecture	Sunnan	Lisa Petersson & P-O?
	11:45-12:00	Course evaluation		Sunnan	Lisa Petersson/Matts Lindbladh
	13:00-17:00	Wednesday afternoon - nothing scheduled			
Thu 14/03	8:00-17:00	Study for exam 2	Individual studies		
Fri 15/03	8:00-17:00	Study for exam 2	Individual studies		
Week 12					

Date	Time			Place	Teacher
Mon 18/03	08:00-12:00	Exam 2			
Tue 19/03	08.00-17.00	Completion day			