

Trees, structure and function BI1385

Schedule HT2023

20230829 - 20231030

Week 35						
Date	Day	Time	Course module 1 - Introduction to F&L	Activity	Teachers	Place
2023-08-28	Monday	10.30-11.15	Joint welcome ceremony	O	KH, HM	Room: Aulan: Building: Alnarpsgården at Sundsvägen 6
		11.30-12.30	Program-specific information and roll-call	O	KH, HM	You will be shown to the right room.
2023-08-29	Tuesday	13.00-15.00	Welcome and Introductions to the 1st course: modules, schedule, readings, assignments, grading, working in Canvas	O	MC	Silvicum
		15.00-16.00	Individual/Group pictures taken	O	MC + photographer	Meet outside of Silvicum
2023-08-30	Wednesday	09.00-12.00	Introduction to F&L: Short thematic lectures from invited speakers of courses in years 1, 2 and 3	S	MC, TR, KH, AFel, JR, LAG, UN, NV, GM, LC	Craafordsalon
		13:00 -15:30	Tour of Alnarpsparken	E	KC	Meet in front of castle
			**Writing Assignment #1 DUE			
2023-08-31	Thursday	10.00-12.00	Introdution to writing and Writing Across the Curriculum (WAC)	L	LA	Silvicum
			WAC Integration in F&L; WAC Guidebook	L	PS	
		Introduction to individual/group writing assignments	O	MC		
		13.00-16.00	Tour of Västerskog	E	HB, BW	Västerskog
2023-09-01	Friday	08.15 - 16.30	All-day field excursion to Skabersjö	E	MC, UN, JB + more teachers	Meet bus outside Silvicum at 8.15
Week 36						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2023-09-04	Monday	10.00-12.00	Module intro	L	KC	Silvicum
			Lecture 2.1. Systematics & Tree families	L	MW	
		13.00-15.00	Lecture 2.2. Trees in ecosystems and forestry	L	KC	Stora Sessionssalen
		15.00-17.00	Individual studies	IS		
2023-09-05	Tuesday	10.00-12.00	Field demonstration plant habitat; Plant walk #1 (group A)	W	KC, BF	Meet in front of castle
		13.00-15.00	Field demonstration plant habitat; Plant walk #1 (group B)	W	KC, BF	Meet in front of castle
			**Writing Assignment #2 DUE			
2023-09-06	Wednesday	9.00-10.00	Lecture 2.2. Morphology - plant habit	L	KC	Löftet
		10.15-12.00	Lecture 2.3. What does a tree requires?	L	KC	Löftet
2023-09-07	Thursday	9.00-12.00	Plant walk #2.	W	KC, DS	Meet in front of castle
		13.00-17.00	Individual studies	IS		
2023-09-08	Friday	9.00-12.00	Plant walk #3.	W	KC, DS	Meet in front of castle
		13.00-17.00	Individual studies	IS		

Week 37						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2023-09-11	Monday	9.00-12.00	Plant walk #4.	W	KC, DS	Meet in front of castle
		13.00-17.00	Individual studies	IS		
2023-09-12	Tuesday	9.00-12.00	Plant walk #5.	W	KC, DS	Meet in front of castle
		13.00-17.00	Individual studies	IS		
2023-09-13	Wednesday	9.00-12.00	Plant walk #6.	W	KC, DS	Meet in front of castle
		13.00-17.00	Individual studies	IS		
2023-09-14	Thursday	9.00-13.00	Individual studies	IS	KC	Stora Sessionssalen
		13.00-16.00	How to distinguish similar species? Group assignment intro	L/T		
2023-09-15	Friday	9.00-17.00	Individual studies	IS		
Week 38						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2023-09-18	Monday	09.00-16.00	Individual studies	IS		
2023-09-19	Tuesday	10.00-11.00	Exam, part 1	E	KC	Silvium
		13.00-15.30	Exam, part 2	E	KC, DS	Malmö or Lund
2023-09-20	Wednesday	9.00-12.00	Group work	G		
		13.00-17.00	Individual studies	IS		
2023-09-21	Thursday	9.00-12.00	Group work & upload on Canvas before 16.00	G		
		13.00-17.00	***Preparatory readings for Soils lecture	IS		
2023-09-22	Friday	08.00-12.00	Group work - Assignment #3	GW		
		13.00-15.00	Lecture 3.1. Introduction to Module 3 - Soils	IS	BF/TTG	Västan

Week 39						
Date	Day	Time	Course module 3 - Soils	Activity	Teachers	Place
2023-09-25	Monday	09.00-12.00	Individual studies	IS		
		13.00-15.00	Lecture 3.2. Soil forming factors	L	BF/TTG	Articum 2; Group rooms: Krolliljan, Trollhasseln, Tulpanen, Magnolian
		15.00-17.00	Group work: Decomposition	GW	BF/TTG	
2023-09-26	Tuesday	09.00-10.00	Individual studies	IS		
		10.00-12.00	Lecture 3.3. Plant resources in soils: water, nutrients, SOM	L	BF/TTG	Articum 2
		13.00-17.00	Group work: Decomposition	GW	BF/TTG	Group rooms: Krolliljan, Trollhasseln, Tulpanen, Magnolian

2023-09-27	Wednesday	09.00-10.00	Individual studies	IS		
		10.00-12.00	Lecture 3.4. Urban soils	L	FA	Stora Sessionssalen, Slottet
		13.00-17.00	Group work: Decomposition exercise + Soil type and texture	GW	BF/TTG	Group rooms: Krolliljan, Trollhasseln, Tulpanen, Magnolian
2023-09-28	Thursday	08.30 - 16.00	All-day field excursion to Veberöd	E	BF/TTG + OD, MG	see instructions in Canvas
2023-09-29	Friday	08.00-10.00	Lecture 3.5. Summary of Romeleåsen soils	L	BF/TTG	Articum 2
		10.00-12.00	Group work: Decomposition	GW	BF/TTG	Group rooms: Krolliljan, Trollhasseln, Tulpanen, Magnolian
		13.00-15.00	Decomposition: burial of teabags	GW	BF/TTG	
		15.00-17.00	Decomposition: oral presentation	O	BF/TTG	

Week 40						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2023-10-02	Monday	08.00-10.00	Lecture 4.1. How a tree grows: holistic overview; Tree design	L	MC	Articum 2
		10.00-16.00	Individual studies; Group work (Assignment #3)	IS, GW		
2023-10-03	Tuesday	08.00-12.00	Individual studies; Group work (Assignment #3)	IS, GW		
		13.00-15.00	Lecture 4.2. Additive and multiplicative growth; Tree pattern and form; Elongation and Leaf Production	L	MC	Silvicum
2023-10-04	Wednesday	08:00-12:00	Individual studies; Group work (Assignment #3)	IS, GW		
		13.00-15.00	Lecture 4.3. Stems: wood/phloem; gymnosperm/angiosperm; anatomy and variation	L	MC	Silvicum
2023-10-05	Thursday	10.00-11.00	**Scheduled Re-Examination for Module 2 (Part 1)	E	KC	Articum 4
		13.00-15.30	**Scheduled Re-Examination for Module 2 (Part 2)	E	KC	Malmö
		9.00-17.00	Individual studies; Group work (Assignment #3)	GW		
2023-10-06	Friday	08:00-12:00	Individual studies; Group work (Assignment #3)	IS, GW		
		13.00-17.00	Peer Assessment of Groups - Assignment #3	GW	MC	Silvicum

Week 41						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2023-10-09	Monday	08.00-10.00	Lecture 4.4. Reproduction: anatomy; lifecycle of gymnosperms	L, GW	HB/ML	Articum 2
		10.00-16.00	Group Exercise: Storing and stratifying "My trees".	GW		
			**Assignment #3 DUE			
2023-10-10	Tuesday	9.00-12.00	Practical group exercise: seed preparation and germination	GW	HB/ML	Horticultural Laboratory (no. 15 on Campus map)
		13.00-15.00	Lecture 4.5. Reproduction: anatomy; lifecycle of angiosperms.	L, GW	HB/ML	Stora Sessionssalen (Slottet)
		15.00-17.00	Individual studies	IS		
2023-10-11	Wednesday	8.00-16.00	Lecture 4.6. Tree phenology; excursion + practical exercise	L, E	ML	Skogforsk

2023-10-12	Thursday	08.00-10.00	Lecture 4.7. Tree carbon relations	E, L	PS	Sunnan
		10.00-16.00	Individual studies	IS		
2023-10-13	Friday	10.00-12.00	Lecture 4.8. Tree water relations	L	PS	Silvicum
		13.00-17.00	Individual studies	IS		

Week 42						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2023-10-16	Monday	10.00-12.00	Lecture 4.9. Tree roots and function	L	HB	Silvicum
		13.00-17.00	Individual studies	IS		
			**Pre-submission of Writing Assignment #4 for WAC evaluation			
2023-10-17	Tuesday	10.00-12.00	Lecture 4.10. Tree nutrition and nutrient uptake	L	HB	Silvicum
		13.00-17.00	Individual studies	IS		
2023-10-18	Wednesday	8.00-10.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
		10.00-12.00	Lecture 4.11. Nutrient acquisition case study exercise	GW	HB	Silvicum
		13.00-17.00	Individual studies	IS		
		13.00-17.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
2023-10-19	Thursday	8.00-10.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
		10.00-12.00	Lecture 4.12. Symbiotic relationships for nutrient acquisition and tree fitness	L	DuS	Skörden
		13.00-17.00	Individual studies	IS		
		13.00-17.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
2023-10-20	Friday	09.00-12.00	Field Excursion: Mycorrhizal Hunt	E	DuS	TBA
		13.00-17.00	Laboratory Exercise for Mycorrhizae	O	DuS	Articum 2

Week 43						
Date	Day	Time	Course module 5 - Mensuration and Biometrics	Activity	Teachers	Place
2023-10-23	Monday	08.00-10.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
		10.00-12.00	Lecture 5.1. Single tree measurements and instruments	L	EH, OD, MG	Silvicum
		13.00-17.00	Individual studies	IS		
		12.00-17.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
2023-10-24	Tuesday	10.00-12.00	Introduction to field practice and module assignment	L, E	EH, OD, MG	Silvicum
		12.00-16.00	Individual/Group studies	IS/GW		

2023-10-25	Wednesday	10.00-12.00	Lecture 5.2. Stand measurements and descriptive statistics	L	EH, OD, MG	Silvicum
		13.00-17.00	Individual/Group work	IS/GW		
2023-10-26	Thursday	10.00-12.00	Data analysis and tutoring help with assignment	O	EH, OD, MG	Silvicum
		13.00-17.00	Individual/Group work	IS/GW		
2023-10-27	Friday	10.00-12.00	Summary and conclusion; Quiz	L	EH, OD, MG	
		13.00-17.00	Individual/Group work	IS/GW		
			**Module 5 Assignment due			

			Week 44			
Date	dag	Time	Final Meeting	Activity	Teachers	Place
2023-10-30	Monday	10.00-12.00	Final meeting; course wrap-up; course evaluations	O	MC, DS	Silvicum
			**Writing Assignment #4 DUE			

Activity code

L, lecture
 GW, group work
 E, excursion
 S, seminar
 W, walking
 IS, individual studies
 O, other
 T, tutoring

Teachers

MC Michelle Cleary
 KH Karin Hjelm
 HM Helena Mellqvist
 TR Thomas Randrup
 KC Kamil Chojnowski
 BF Benjamin Forsmark
 DS Delnia Sepahvand
 AFel Adam Felton
 JB Jörg Brunet
 DuS Dusan Sadikovic
 EH Emma Holmström
 ML Mateusz Liziniewicz
 PS Patrick Sherwood
 DP Donnie Petersson
 GM Geovana Mercado
 FA Frida Andreasson
 HB Henrik Böhlenius
 GD Gudmund Vollbrecht
 LA Linn Areskoug
 VB Vilis Brukas
 JR Jonas Rönnerberg
 BW Björn Wiström
 MG Michalina Grabowski
 BD Babatunde (Ola) Dosumu
 EB Enrico Bonello
 LP Lisa Peterson

Course Assistant

WAC Coordinator

WAC Coordinator