

Trees, structure and function BI1452

Schedule HT2024

20240902 - 20241031

Week 36						
Date	Day	Time	Course module 1 - Introduction to Forest and Landscape (F&L)	Activity	Teachers	Place
2024-09-02	Monday	10.30-11.15	Joint welcome ceremony	O	KH, HM	Room "Aulan". Building "Alnarpsgården". Address: Sundsvägen 6
		11.30-12.30	Program-specific information and roll-call	O	KH, HM	TBA
2024-09-03	Tuesday	9.00-11.00	Welcome and Introductions to the 1st course: modules, schedule, readings, assignments, grading, working in Canvas	O	MC, MG	Room "Silvicum". Building Silvicum (2nd floor)
		11:00-13:00	Individual/Group pictures taken	O	Torbjörn	Meet outside of Silvicum building
		13:00 -15:30	Tour of Alnarpsparken	E	KC	Meet in front of castle
2024-09-04	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, VB, GM, HM, ML	Room "Västan". Building: Agricum
		13.15-16.00	Tour of Västerskog	E	HB, BW	Meet in front of castle
2024-09-05	Thursday	12.30-16.00	Introduction to writing and Writing Across the Curriculum (WAC)	L	LA	Room "Articum 1". Building: Articum/Navet
			WAC Integration in F&L; WAC Guidebook	L	PS	
			Introduction to individual/group writing assignments	O	MC	
			**Writing Assignment #1 DUE			
2024-09-06	Friday	08.15 - 16.30	All-day field excursion to Skabersjö	E	MC, UN, JB, KH, HM, AFel, HB, MG	Meet bus outside Silvicum at 8.15
Week 37						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
		8.30-12.00	Module intro	L	KC	Room "Silvicum".

2024-09-09	Monday	9.00-12.00	Lecture 2.1. Systematics & Tree families	L	KC	Building Silvicum (2nd floor)
		13.00-15.00	Lecture 2.2. Trees in ecosystems and forestry	L	KC	Room "Terra Nova". Building: Agricum
		15.00-17.00	Individual studies	IS		
2024-09-10	Tuesday	10.00-12.00	Field demonstration plant habitat; Plant walk #1 (group A)	W	KC, BF/TTG, MG	Meet in front of castle
		13.00-15.00	Field demonstration plant habitat; Plant walk #1 (group B)	W	KC, BF/TTG, MG	Meet in front of castle
		15.00-17.00	Individual studies	IS		
			**Writing Assignment #2 DUE			
2024-09-11	Wednesday	10.15-12.00	Lecture 2.3. Morphology - plant habit	L	KC	Room "Skörden". Building: Agricum
		13.00-17.00	Individual studies	IS		
2024-09-12	Thursday	9.00-12.00	Plant walk #2.	W	KC, MG	Meet in front of castle
		13.00-15.00	Lecture 2.4. What does a tree requires? Introduction of group assignments	L	KC, MC	Room "Articum 3". Building: Articum/Navet
		15.00-17.00	Individual studies	IS		
2024-09-13	Friday	9.00-12.00	Plant walk #3.	W	KC, MG	Meet in front of castle
		13.00-17.00	Individual studies	IS		
			Week 38			
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2024-09-16	Monday	9.00-12.00	Plant walk #4.	W	KC, MG	Meet in front of castle
		13.00-17.00	Individual studies	IS		
2024-09-17	Tuesday	9.00-12.00	Individual studies	IS		
		13.15-16.00	Plant walk #5.	W	KC, MG	Meet in front of castle
2024-09-18	Wednesday	9.00-12.00	Individual studies	IS		

2024-09-19	Thursday	9.00-12.00	Individual studies	IS		
		13.15-16.00	Plant walk #6	W	KC, MG	Meet in front of castle
2024-09-20	Friday	10.00-12.00	Lecture 2.5. How to distinguish similar species?	L/T	KC	Room "Silvicum". Building: Silvicum (2nd floor)
		13.00-17.00	Group Assignment	T	KC	
Week 39						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2024-09-23	Monday	09.00-17.00	Individual studies	IS		
2024-09-24	Tuesday	09.00-17.00	Individual studies	IS		
2024-09-25	Wednesday	09.00-12.00	Individual studies	IS		
2024-09-26	Thursday	9.00-11.00	Exam, part 1	E	KC, MG	Room "Loftet". Building: Alnarpsgården
		13.00-15.00	Exam, part 2	E	KC, MG	outdoors - TBA
2024-09-27	Friday	9.00-12.00	Group work (Assignment #3) - own arrangements	GW		
		13.00-17.00	Peer-review Exercise: Assignment #3 (mandatory for all groups)	GW	MG	Room "Silvicum". Building: Silvicum (2nd floor)
Week 40						
Date	Day	Time	Course module 3 - Soils	Activity	Teachers	Place
2024-09-30	Monday	9.00-12.00	Lecture 3.1. Introduction to Module 3 - Soils	L	BF/TTG	Room "Articum 1". Building: Articum/Navet
		13.00-17.00	Group work: Decomposition exercise	GW	BF/TTG	Group rooms: "Kroliljan", "Magnolian", Trollhasseln, "Tulpanen". Building: Articum/Navet
			**Assignment #3 DUE			

2024-10-01	Tuesday	9.00-12.00	Lecture 3.2. Soil forming factors	L	BF/TTG	Room "Articum 2". Building: Articum/Navet
		13.00-15.00	Lecture 3.3. Urban soils	L	FA	Room "Articum 1". Building: Articum/Navet
		15.00-17.00	Alnarp campus soils	E	BF/TTG	Alnarp campus area
2024-10-02	Wednesday	9.00-12.00	Lecture 3.4. Essential plant resources in soils	L	BF/TTG	Room "Myllan". Building: Agricum
		13.00-15.00	Alnarp campus soils	E	BF/TTG	Alnarp campus area
2024-10-03	Thursday	08.00 - 17.00	Field excursion to Veberöd	E	BF/TTG +	Romeleåsen, Veberöd
2024-10-04	Friday	13.00-17.00	Group work: Decomposition exercise	GW	BF/TTG	Group rooms: "Kroliljan", "Magnolian", Trollhasseln , "Tulpanen". Building: Articum/Navet
Week 41						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2024-10-07	Monday	08.00-10.00	Lecture 3.5. Summary of Romeleåsen soils	L	BF/TTG	Room "Articum 2". Building: Articum/Navet
		10.00-14.00	Group work: Decomposition exercise			Group rooms: "Kroliljan", "Magnolian", Trollhasseln , "Tulpanen". Building: Articum/Navet
		14.00-17.00	Presentation of group work: Decomposition		BF/TTG	Room "Articum 3". Building: Articum/Navet
2024-10-08	Tuesday	8.00-10.00	Individual studies	IS		
		10.00-12.00	Introduction to Module 4: Tree Anatomy and Development Lecture 4.1. How a tree grows: holistic overview; Tree design	L	MC	Room "Skörden". Building: Agricum
		13.00-15.00	Lecture 4.2. Additive and multiplicative growth; Tree pattern and form; Elongation and Leaf Production	L	MC	Room "Articum 2". Building: Articum/Navet

2024-10-09	Wednesday	8.00-10.00	Lecture 4.3. Tree carbon relations	L	PS	Room "Loftet education". Building: Alnarpsgården
		10.00-17.00	Individual studies - Assignment #4	IS		
2024-10-10	Thursday	8.00-12.00	**Scheduled Re-Examination for Module 2 (Part 1)	E	KC, MG	Room "Articum 4". Building: Articum/Navet
		13.00-15.00	**Scheduled Re-Examination for Module 2 (Part 2)	E	KC, MG	TBA
		9.00-17.00	Individual studies - Assignment #4	IS		
2024-10-11	Friday	8.00-12.00	Lecture 4.4. Stems: wood/phloem; gymnosperm/angiosperm; anatomy and variation	L	MC	Room "Silvicum". Building Silvicum (2nd floor)
		13.00-17.00	Individual studies			
Week 42						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2024-10-14	Monday	8.00-10.00	Lecture 4.5. Tree water relations	L	PS	Room "Loftet education". Building: Alnarpsgården
		10.00-12.00	Lecture 4.6. Symbiotic relationships for nutrient acquisition and tree fitness	L	DS	
		13.00-17.00	Individual studies	IS		
			**Pre-submission of Writing Assignment #4 for WAC evaluation			
2024-10-15	Tuesday	8.15-12.00	Field Excursion: Mycorrhizal Hunt	E	DS, MG	meet outside Silvicum
		12.30-17.00	Laboratory Exercise for Mycorrhizae	O	DS, MG	Microscope Room, Building "Articum/Navet"
2024-10-16	Wednesday	8.15-10.00	Lecture 4.7. Tree roots and function	L	HB	Room "Articum 3". Building: Articum/Navet
		10.15-12.00	Lecture 4.8. Tree nutrition and nutrient uptake	L	HB	
2024-10-17	Thursday	8.00-12.00	Individual studies	IS		
		afternoon	schemafria - Forest Student Summit I Skinsskatteberg			
2024-10-18	Friday	all day	schemafria - Forest Student Summit I Skinsskatteberg			
		all day	Individual studies	IS		

Week 43						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2024-10-21	Monday	8.00-12.30	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time)	O	PS, DP	
		13.00-15.00	Lecture 4.9. Tree phenology	L		Room "Silvicum". Building Silvicum (2nd floor)
2024-10-22	Tuesday	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 4.10. Reproduction: anatomy; lifecycle of gymnosperms	L, GW	ML	Room "Silvicum". Building Silvicum (2nd floor)
		13.00-15.00	Lecture 4.11. Reproduction: anatomy; lifecycle of angiosperms	L, GW	ML	Room "Silvicum". Building Silvicum (2nd floor)
		15.00-16.00	Practical exercise: seed preparation and germination	GW	HB, MG	Horticultural Laboratory (no. 15 on Campus map)
2024-10-23	Wednesday	8.15-12.00	Nutrient acquisition case study exercise	GW	HB	Room "Skörden". Building: Agricum
2024-10-24	Thursday	9.00-17.00	Individual studies **Writing Assignment #4 DUE	IS		
2024-10-25	Friday	9.00-12.00	Individual studies	IS		
		13.00-15.00	Lecture 5.1. Single tree measurements and instruments	L	OD, MG	Room "Silvicum". Building Silvicum (2nd floor)
		15.00-17.00	Individual studies	IS		
Week 44						
Date	Day	Time	Course module 5 - Mensuration and Biometrics	Activity	Teachers	Place
2024-10-28	Monday	09.00-12.00	Lecture 5.2. Stand measurements and descriptive statistics	L	OD, MG	Room "Silvicum".
		13:00-14:00	Help with descriptive statistics	O		Building Silvicum (2nd floor)
		14.00-17.00	Individual/Group work	IS/GW		
2024-10-29	Tuesday	08.30-12.00	Field Exercise and module assignment	L, E	OD, MG	meet outside Silvicum building
		13.00-16.00	Individual/Group studies	IS/GW		

2024-10-30	Wednesday	09.00-12.00	Data analysis and tutoring help with assignment	O, GW	OD, MG	Room "Silvicum". Building Silvicum (2nd floor)
		13.00-17.00	Individual/Group work	IS/GW		
2024-10-31	Thursday	09.00-12.00	Summary and conclusion; Excel Exercise and Quiz; Course wrap-up; Course evaluation	L	OD, MG, MC	Room "Silvicum". Building Silvicum (2nd floor)
		13.00-17.00	Individual/Group work	IS/GW		
			**Module 5 Assignment due			

Activity co Teachers

L, lecture	MC	Michelle Cleary
GW, group	KH	Karin Hjelm
E, excursio	HM	Helena Mellqvist
S, seminar	TR	Thomas Randrup
W, walking	KC	Kamil Chojnowski
IS, individu	BF	Benjamin Forsmark
O, other	AFel	Adam Felton
T, tutoring	JB	Jörg Brunet
	DS	Dusan Sadikovic
	ML	Mateusz Liziniewicz
	PS	Patrick Sherwood
	DP	Donnie Petersson
	GM	Geovana Mercado
	FA	Frida Andreasson
	HB	Henrik Böhlenius
	LA	Linn Areskoug
	VB	Vilis Brukas
	JR	Jonas Rönnerberg
	BW	Björn Wiström
	MG	Michalina Grabowska
	BD	Babatunde (Ola) Dosumu
	TTG	María Trinidad Torres García
	ML	Magnus Löf