

# Trees, structure and function BI1385

Preliminary schedule HT2022

20220829 - 202121031

			Week 35			
Date	Day	Time	Course module 1 - Introduction to F&L	Activity	Teachers	Place
2022-08-29	Monday		F&L Roll call	O	KH, HM	
			Overview of F&L programme	O	KH, HM	
2022-08-30	Tuesday	9.00 - 11.30	1st course: modules, schedule, readings, individual and group assign	O	MC	Articum 2
		13.00 - 16.00	Tour of Alnarpsparken	E	KC	
2022-08-31	Wednesday	9.00 - 12.00	Introduction to F&L: Short thematic lectures from invited speakers of courses in years 1, 2 and 3	S	MC, TR, JUD, KH, AFel, MJ, JR, LAG, UN, NV	Articum 2
		13.00 - 16.00	<a href="#">Sustainable studies: study strategies and study technique.</a>	O		
			<b>**Writing Assignment #1 DUE</b>			
2022-09-01	Thursday	9.00 - 12.00	Introduction to Writing Across the Curriculum (WAC)	L	MC, AD	Articum 3
			WAC Integration in F&L; WAC Guidebook	L	MC, PS	
			Scientific writing, support, services	L	Åse Ode (SLU Library)	
			Discussion of writing assignments	O	MC	
		13.00 - 16.00	Tour of Alnarps västerskog	E	HB, BW	
2022-09-02	Friday	8.15 - 16.30	All-day field excursion to Skabersjö	E	MC, UN, JB + many teachers	Meet bus outside Silvicum at 8.15

			Week 36			
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2022-09-05	Monday	13.00 - 13.30	Module intro	L	KC	TBA
		13.45 - 14.30	Lecture 2.1.a Systematics.	L	TBA	TBA
		14.45 - 15.30	Lecture 2.1.b Trees in ecosystems and forsetry	L	KC	TBA
2022-09-06	Tuesday	9.00 - 11.00	Lecture 2.2. Morphology - plant habit	L	KC	Articum 3
		11.00 - 12.00	Introduction to group assignment	L	KC	Articum 3
		13.00 - 15.00	Field demonstration plant habitat; Plant walk #1.	W	KC	Landscape lab - Alnarp park
2022-09-07	Wednesday	9.00 - 11.00	Lecture 2.3. What does a tree requires?	L	KC	Articum 2
		13.00 - 16.00	Individual studies	IS		
2022-09-08	Thursday	9.00 - 11.30	Plant walk #2.	W	KC	Alnarp park

		13.00 - 16.00	Individual studies	IS		
2022-09-09	Friday	9.00 - 11.30	Plant walk #3.	W	KC	Alnarp park
		13.00 - 16.00	Individual studies	IS		

Week 37						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2022-09-12	Monday	9.00 - 14.00	Individual studies	IS		
		14.15 - 16.00	Plant walk #4.	W	KC	Alnarp park
2022-09-13	Tuesday	9.00 - 12.00	Individual studies	IS		
		13.00 - 15.30	Plant walk #5.	W	KC	Alnarp park
2022-09-14	Wednesday	9.00 - 11.00	Lecture 2.4 How to learn and remember plants?	L	KC	Articum 3
		13.00 - 16.00	Individual studies	IS		
2022-09-15	Thursday	9.00 - 16.00	Individual studies	IS		
2022-09-16	Friday	9.00 - 11.30	Plant walk #6.	W	KC	Alnarp park
		13.00 - 16.00	Individual studies	IS		

Week 38						
Date	Day	Time	Course module 2 - Tree identification	Activity	Teachers	Place
2022-09-19	Monday	9.00 - 16.00	Individual studies	IS		
2022-09-20	Tuesday	9.00 - 11.00	Seminar : presenting groups assignment	S	KC	Articum 3
		13.00 - 15.00	Tutoring: How to distinguish species?		KC	Alnarp park
2022-09-21	Wednesday	9.00 - 16.00	Individual studies	IS		
2022-09-22	Thursday	10.00 - 15.00	<b>**Examination 1</b>	E	KC, ES	Malmö
2022-09-23	Friday	9.00 - 16.00	Individual studies	IS		

Week 39						
Date	Day	Time	Course module 3 - Soils	Activity	Teachers	Place
2022-09-26	Monday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 3.1. Soil formation factors	L	BF	Skörden
		13.00 - 16.00	Group work: Decomposition	GW	BF	Articum 2

2022-09-27	Tuesday	8.00 - 10.00	Individual studies	IS		
		10.00 - 12.00	Lecture 3.2. Soil biota and organic matter	L	BF	Skörden
		13.00 - 16.00	Group work: Decomposition	GW	BF	Articum 3
2022-09-28	Wednesday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 3.4. Urban soils	L	FA	Assembly Hall
		13.00 - 16.00	Alnarp campus excursion	E	BF	
2022-09-29	Thursday	8.30 - 16.00	All-day field excursion to Veberöd	E	MG, BF + teaching assist.	
2022-09-30	Friday	8:00 - 9:00	Individual studies	IS		
		9.00 - 10.00	Lecture 3.4. Repition Romeleåsen, Soil water and nutrient cycles	L	BF	Skörden
		10.00 - 12.00	Group work: Decomposition	GW	BF	Skörden
		14.00 - 16.00	Presentation of group work: Decomposition	GW	BF	Articum 3

Week 40						
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2022-10-03	Monday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.1. How a tree grows: holistic overview; Tree Design	L	MC	
		13.00 - 16.00	Individual studies	IS		
2022-10-04	Tuesday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.2. Additive and multiplicative growth; Tree pattern and form; Elongation and Leaf Production	L	MC	
		13.00 - 16.00	Individual studies	IS		
2022-10-05	Wednesday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.3. Formation and Fate of Apical Meristems; Thickening from Cambial Activity and Movemnet from Apical groth and from Cambial Activity	L	MC	
		13.00 - 16.00	Individual studies	IS		
2022-10-06	Thursday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12:00	Lecture 4.4. Photosynthesis, respiration - chemical cycles	L	PS	
		13.00 - 16.00	Individual studies	IS		
		9.00 - 12.00	<b>**Scehduled Re-Examination for Module 2</b>	E	KC, ES	Malmö
2022-10-07	Friday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12:00	Lecture 4.5 - Tree survival in hard times	L	MC	
			<b>Peer Assessment of Groups - Assignment #3</b>	GW		
		13.00 - 16.00	Individual studies	IS		

			Week 41			
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2022-10-10	Monday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12:00	Lecture 4.6. Stems: wood/phloem; gymnosperm/angiosperm; anatomy and variation	L	MC	
		13.00 - 16.00	Group work/Individual studies	GW/IS		
2022-10-11	Tuesday	8.00 - 12.00	Individual studies	IS		
		13.00 - 16.00	Lecture 4.7. Stems: wood/phloem; gymnosperm/angiosperm; anatomy and variation (continue)	L	MC	
			<b>**Assignment #3 DUE</b>			
2022-10-12	Wednesday	8.00 - 9.00	Individual studies			
		9.00 - 12:00	Lecture 4.8. Reproduction: anatomy; lifecycles (gymnosperms/angiosperms)	L	IF	
		13.00 - 14:30	Group Exercise: Storing and stratifying "My trees".	GW		
		14.30 - 15.30	Practical group exercise: seed preparation and germination	GW	IF, MC	<a href="#">Horticultural Laboratory (no. 15 on Campus map)</a>
2022-10-13	Thursday	8.00 - 12:00	Individual studies	IS		
		13.00 - 16.00	Lecture 4.9. Tree water relations	L	PS	
2022-10-14	Friday	8.00 - 12:00	Individual studies	IS		
		13.00 - 16.00	Lecture 4.10. Tree carbon relations	L	PS	

			Week 42			
Date	Day	Time	Course module 4 - Tree Anatomy and Development	Activity	Teachers	Place
2022-10-17	Monday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.11. Tree nutrition and tree fitness	L		
		13.00 - 16.00	Individual studies	IS		
2022-10-18	Tuesday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.12. Tree metabolism and defense	L		
		13.00 - 16.00	Individual studies	IS		
2022-10-19	Wednesday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Lecture 4.13. Environmental Challenges for Trees	L		
		13.00 - 16.00	Individual studies	IS		

2022-10-20	Thursday	8.00 - 16.00	Individual studies	IS		
			<b>**Pre-submission of Writing Assignment #4 for WAC evaluation</b>			
2022-10-21	Friday	8:00 - 12:00	Individual studies	IS		
		13.00 - 16.00	Tree mycobiome; symbiotic relationships for nutrient acquisition & tree fitness	S		

Week 43						
Date	Day	Time	Course module 5 - Mensuration and Biometrics	Activity	Teachers	Place
2022-10-24	Monday	8.00 - 9.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time )	O	PS	
		9:00 - 12:00	Lecture 5.1. Single tree measurements and instruments	L	MG, FN	Skörden
		13.00 - 16.00	Individual studies	IS		
2022-10-25	Tuesday	9.00 - 12.00	Field work practices	E, GW	MG, FN	
		13.00 - 16.00	Individual studies	IS		Terra Nova
		13.00 - 17.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time )	O	PS	
2022-10-26	Wednesday	8.00 - 9.00	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time )	O	PS	
		9.00 - 12.00	Lecture 5.2. Stand measurements and descriptive statistics	L	MG; FN	Articum 2
		13.00 - 16.00	Individual studies	IS		Articum 2
		12.00 - 17.30	Individual student meetings (15 min.) for WAC feedback (will inform about your scheduled time )	O	PS	
2022-10-27	Thursday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Data analysis and assignment help	O	MG, FN	Skörden
		13.00 - 16.00	Individual studies	IS		Skörden
2022-10-28	Friday	8.00 - 9.00	Individual studies	IS		
		9.00 - 12.00	Summary and conclusion; Quiz	L		Assembly Hally
		13.00 - 16.00	Individual studies	IS		Skörden

Week 44						
Date	dag	Time	Final Meeting	Activity	Teachers	Place
2022-10-31	Monday	9.00 - 11.00	Final meeting: Course Evaluation, WAC progression, Follow-up of student's 'own' trees	O	MC	Articum 2

**\*\*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  
ES Elna Strömvall  
AFel Adam Felton  
JB Jörg Brunet  
UN Urban Nilsson  
EH Emma Holmström  
MW Magdalena Wiedermann  
PS Patrick Sherwood  
IF Iva Franic  
FA Frida Andreasson  
HB Henrik Böhlenius  
FN Friday Nwabueze  
MD Matej Domevcik  
AD Alexandra D'Urso  
MJ Märit Jansson  
LAM Luis Andres Guialm  
NV Nina Vogel  
JR Jonas Rönnberg  
BW Björn Wiström  
ACS Amanda de Castro Segtowich  
LM Luca Meraro  
AA Axelina Axelsson  
BD Babatunde Dosumu