## SV0015. Urban Tree- and Forest Health

Preliminary schedule HT2023 20231201 - 202401114

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Date	Day	Time	Activity	Торіс	Teacher	Room	Room
2023-12-01	Friday	8:30-12:00	Course start, Lecture	Course introduction; Introduction forest health; forest pathology and entomology	MC, DP	Sunnan	
		13:00-16:30	Lecture; Practical	Classical detection/diagnostic techniques for forest pathogens and pests; Laboratory Assigment	IM, MC	Stora Sessionssalen, Slotte	et
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Date	Day	Time	Activity	Торіс	Teacher	Room	Room
2023-12-04	Monday	8:30-16:00 (groups scheduled in 1.5 hour slots)	Lab Practice; Group Work	Lab practical: isolation techniques (small groups);  08:30-10:00 Group 1  10:00-11:30 Group 2  11:30-13:00 Group 3  13:00-14:30 Group 4  14:30-16:00 Group 5	<u>IM</u> , SK, DS, IN, DP	Articum 4	Groups meet Donnie in Articum hallway (15 minutes before scheduled timeslot).
2023-12-05	Tuesday	8:30-11:00	Lecture	Conifer needle/shoot diseases	IM, DS	SILVICUM	
		11:00-12-00	Lecture	Diplodia shoot and needle blight.	PS	SILVICUM	
			Lecture	How to Construct a Laboratory Report	PS		
		13:00-16:00	Group work	Lab Report - Writing Introduction & Methods; Literature search			
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2023-12-06	Wednesday	8:30-15:15 (groups scheduled in 1 hour slots); remaining	Lab Practice; Group Work	Lab Practical: Morphotyping of fungal isolates; 8:30-9:30 (Group 1); 9:45-10:45 (Group 2); 11:00-12:00 (Group 3); 13:00-14:00 (Group 4); 14:15-15:15 (Group 5)	DS	Meet in Articum Hallway	
		15:15-16:30	Group Work	Lab Report - Literature search; Writing Introduction & Methods			

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2023-12-07	Thursday	8:30-12:00	Lecture	Biological Control of Insects; Biological Control of Pathogens	DP, IM	SILVICUM	
		13:00-16:00	Group Work	Lab Report - Literature search; Writing Introduction & Methods			
2023-12-08	Friday		Lecture	Foliar & Wilt diseases	PS	SILVICUM	
			Lecture	Phytophthora root diseases	IM	SILVICUM	
		13:00-16:00	Group work	Lab Report - Writing Introduction & Methods			
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Date	Day	Time	Activity	Торіс	Teacher	Room	Room
2023-12-11	Monday	8:30-10.30	Lecture	Advanced detection/diagnostic techniques for forest pathogens and pests	PS	SILVICUM	
		12:30-16:30 (groups scheduled in 4 hour time slots); remaining time is group	Lab Practice; Group Work	Lab practical: DNA extraction (small groups)	<b>PS</b> , IN, DP, IM, SK		Groups meet Donnie in Articum hallway (15 minutes before scheduled timeslot).
2023-12-12	Tuesday	8:30-11:30		Invasive threats to urban trees and forests (Ash decline, Buxus blight)	MC & IM	SILVICUM	
		12:30-16:30 (groups scheduled in 4 hour time slots);	Lab Practice; Group Work	Lab practical: DNA extraction (small groups) 12:30-16:30 Groups 3, 4, and 5	<u><b>PS</b></u> , IN, DP, IM, SK	SILVICUM	Groups meet Donnie in Articum hallway (15 minutes before scheduled timeslot).
		remaining time is group					

2023-12-13	Wednesday	8:30-12:00	Lecture/Tutorial	Tutorial: PCR + gel electrophoresis; How to analyse a DNA sequences	DS DP	Articum 4	
		13:00-16:30	Tutoring/Group Work	Tutoring - DNA sequence analysis; Lab Report: Writing up Methods & Results	DS DP	Articum 4	
2023-12-14	Thursday	8:30-12:00	Lecture	Urban tree inventory, risk assessment, management of pathogens on urban trees	JÖ	SILVICUM	
		13:00-16:00	Group work	Lab Report - Writing up Methods and first Results		SILVICUM	
				*HAND IN DRAFT LAB REPORT FOR WAC FEEDBACK*			
2023-12-15	Friday	8:30-12:00	Lecture	Urban tree inventory, risk assessment, management of pathogens on urban trees	JÖ	Articum 4	
		13:00-16:00	Group work	Lab Report - Writing up Methods and first Results		Articum 4	
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Date	Day	Time	Activity	Торіс	Teacher	Room	Room
2023-12-18	Monday	all day	Excursion	Outdoor Practical: Inventory and risk assessment of urban trees	JÖ		Kungsparken Malmö - meet at the statue Diana - https://www.google.com/maps/place/Dian a+-
			Excursion	(class meets at statue Diana, Kungsparken in Malmö)	JÖ		https://goo.gl/maps/CyvSmEa2SF9Hh6w56
2023-12-19	Tuesday	8:30-12:00	Lecture	Root diseases ( <i>Heterobasidion, Armillaria</i> )	JR, MC, SK	SILVICUM	
			Lecture	Decay fungi in trees	IM	SILVICUM	
				Feedback on Lab Reports; Writing Methods & Results	MC		
2023-12-20	Wednesday	8:30-12:00	Group Work	Work on Lab Report			

2023-12-21	Thursday	8:30-16:00	Group Work	Work on Lab Report		
2023-12-22	Friday		*** BREAK ***			
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Date	Day	Time	Activity	Торіс	Teacher	Room
2023-12-25	Monday		*** BREAK ***			
2023-12-26	Tuesday		*** BREAK ***			
2023-12-27	Wednesday		*** BREAK ***			
2023-12-28	Thursday		*** BREAK ***			
2023-12-29	Friday		*** BREAK ***			
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Date	Day	Time	Activity	Topic	Teacher	Room
2024-01-01	Monday		*** BREAK ***			
2024-01-02	Tuesday		*** BREAK ***			
2024-01-03	Wednesday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings		
2024-01-04	Thursday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings		

2024-01-05	Friday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings			
				**LAB REPORT DUE**			
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Date	Day	Time	Format	Торіс	Teacher	Lärare	Room
2024-01-08	Monday	8:30-12:00	Lecture	Defoliators and Sapsuckers	DP	SILVICUM	
			Lecture	Wood borers	DP	SILVICUM	
		13:00-16:00	Independent studies	Independent studies			
2024-01-09	Tuesday	8:30-16:00	Group Work	Oral Presentations by Groups and Peer Assessment Exercise	MC, DP	Stora Sessionssalen, Slottet	
2024-01-10	Wednesday	8:30-12:00	Independent studies	Independent studies (readings)			
		13:00-16:00	Lecture	Climate change effects on pests and pathogens; Management strategies for dealing with forest pest/pathogens;	DP, MC	SILVICUM (afternoon only)	
2024-01-11	Thursday	8:30-16:00	Independent studies	Independent studies			
2024-01-12	Friday	8:30-12:00	Independent studies	Independent studies			
		13:00-16:00	Examination	Final exam	DP, MC	SILVICUM (afternoon only)	

## Teachers

MC	Michelle Cleary
PS	Patrick Sherwood
JR	Jonas Rönnberg
IM	Iryna Matsiakh
IN	lda Nordström
DS	Dusan Sadikovic
DP	Donnie Petersson

JÖ SK

Johan Östberg Sezer Kaya