

## SV0015. Urban Tree- and Forest Health

Preliminary schedule HT2022

20221202 - 20211013

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Date	Day	Time	Activity	Topic	Teacher	Room
2022-12-02	Friday	8:30-12:00	Course start, Lecture	Course introduction; Introduction forest health; forest pathology and entomology	MC, DP	Articum 4
		13:00-16:30	Lecture; Practical	Classical detection/diagnostic techniques for forest pathogens and pests; Laboratory Assignment	IM, MC, SK	Articum 4
v. 49						
Date	Day	Time	Activity	Topic	Teacher	Room
2022-12-05	Monday	8:30-16:00 (groups scheduled in slots)	Lab Practical; Group Work	Lab practical: isolation techniques (small groups)	IM, IF, DM, DS	Meet in front of Articum classrooms
2022-12-06	Tuesday	8:30-12:00	Lecture	Wood borers; Foliar & Wilt diseases	DP, PS	Articum 4
		13:00-16:00	Lecture	Diplodia shoot and needle blight.	PS	Articum 4
2022-12-07	Wednesday	8:30-9:00	Lecture over Zoom	How to Construct a Laboratory Report; <a href="https://slu-se.zoom.us/j/64800875356">https://slu-se.zoom.us/j/64800875356</a> Passcode: 806823	PS	See Zoom link
		9:00-16:30	Group Work	Lab Report - Writing Introduction & Methods		
2022-12-08	Thursday	8:30-12:00	Lecture	Root diseases ( <i>Heterobasidion</i> , <i>Armillaria</i> , <i>Phytophthora</i> )	JR, KY, MC	Sunnan
		13:00-16:00	Practical; Group Work	Root disease group exercise	JR, KY, MC	Sunnan

2022-12-09	Friday	8:30-12:00	Lecture	Defoliators and Sapsuckers; Conifer needle/shoot diseases	DP, IM, DS	Articum 4
		13:00-16:00	Group work	Lab Report - Writing Introduction & Methods		
<b>v. 50</b>						
Date	Day	Time	Activity	Topic	Teacher	Room
2022-12-12	Monday	8:30-12:00	Lecture	Decay Fungi in Trees; Advanced detection/diagnostic techniques for forest pathogens and pests	IM, PS	Articum 4
		13:00-16:00	Lecture	IAS - Magdalena Wiederman		Articum 4
2022-12-13	Tuesday	8:30-11:30	Lecture	Invasive threats to urban trees and forests (Ash decline, Chestnut blight, DED, Buxus blight; EAB)	MC & IM	Articum 4
		13:00-16:00	Lecture	Pests and Diseases of <i>Larix</i> spp., International plant trade and risks associated with tree seed	DM	Articum 4
2022-12-14	Wednesday	8:30-14:00	Group work	Students come in groups to morphotype their fungal isolates; Lab Report - Writing up Methods and first Results	DS	Articum 4
				<b>*HAND IN DRAFT LAB REPORT TO MICHELLE FOR FEEDBACK*</b>		
2022-12-15	Thursday	8:30-12:00	Lecture	Urban tree inventory, risk assessment, management of pathogens on urban trees	JÖ	Articum 4
		13:00-16:00	Lecture	Urban tree inventory, risk assessment, management of pathogens on urban trees	JÖ	Articum 4
2022-12-16	Friday	8:30-16:30 (groups scheduled in slots)	Lecture	Lab practical: DNA extraction (small groups)	PS, DS, IF, DP, DM	Meet in front of Articum classrooms

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Date	Day	Time	Activity	Topic	Teacher	Room
2022-12-19	Monday	8:30-12:00	Lecture	Lab practical: PCR demo + gel electrophoresis; How to analyse a DNA sequences and identify causal agent of damage; Lab	DS, MC	Articum 4
		13:00-16:30	Tutoring	Tutoring - DNA sequence analysis; Writing up Results	DS	Articum 4
2022-12-20	Tuesday	10.00-12.00	Practical - outside	Inventory and risk assessment of urban trees	JÖ	Kungsparken Malmö - meet at the statue Diana -
		13.00-15.00	Practical - outside		JÖ	<a href="https://goo.gl/maps/CyvSmEa2SF9Hh6w56">https://goo.gl/maps/CyvSmEa2SF9Hh6w56</a>
2022-12-21	Wednesday	8:30-12:00	Group Work	Lab Report		
2022-12-22	Thursday	8:30-16:00	Group Work	Lab Report		
2022-12-23	Friday		*** BREAK ***			
v. 52						
Date	Day	Time	Activity	Topic	Teacher	Room
2022-12-26	Monday		*** BREAK ***			
2022-12-27	Tuesday		*** BREAK ***			
2022-12-28	Wednesday		*** BREAK ***			

2022-12-29	Thursday		*** BREAK ***			
2022-12-30	Friday		*** BREAK ***			
<b>v. 1</b>						
Date	Day	Time	Activity	Topic	Teacher	Room
2023-01-02	Monday		*** BREAK ***			
2023-01-03	Tuesday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings		
2023-01-04	Wednesday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings		
2023-01-05	Thursday	8:30-16:00	Group Work - on a distance	Work on Lab Report/Oral presentation/Readings		
				**LAB REPORT DUE**		
2023-01-06	Friday		*** HOLIDAY ***			
<b>v. 2</b>						
Date	Day	Time	Format	Topic	Teacher	Room
2023-01-09	Monday	8:30-12:00	Lecture	Biological Control of Insects; Biological Control of Pathogens	DP, IM	Articum 4
		13:00-16:00	Independent studies	Independent studies		

2023-01-10	Tuesday	8:30-16:00	Group Work	Oral Presentations by Groups and Peer Assessment Exercise	MC	Articum 4
2023-01-11	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;	DM, MC	Articum 4
2023-01-12	Thursday	8:30-16:00	Independent studies	Independent studies		
2023-01-13	Friday	8:30-12:00	Independent studies	Independent studies		
		13:00-16:00	Examination	Final exam	MC	Articum 4

#### Teachers

MC	Michelle Cleary
PS	Patrick Sherwood
IF	Iva Franic
KY	Khaled Youssef
JR	Jonas Rönnberg
IM	Iryna Matsiakh
DM	Diana Marciulyniene
DS	Dusan Sadikovic
DP	Donnie Petersson
JÖ	Johan Östberg