

BI1309 Horticultural systems and future challenges

Version: 2021-06-22

2021 It is possible to take part of the course completely on distance, but then you will miss some interesting parts.

**[ ]** = Compulsory to take part

Zoom links are found in Canvas.

Week	Day	Date	Time	Activity	Responsible	Place
<b>Start week</b>						
		Aug				
35	Mon	30	10.00-12.00	Welcome by SLU	SLU	Zoom
			13.15-14.00	Course start	Lars Mogren	Zoom
			14.15-15.00	BT department presentation	Lars Mogren	Zoom
			15.15-16.00	Start of theme: Horticultural challenges	Lars Mogren	Zoom
	Tue	31	08.15-10.00	AEM department presentation	Sara Spendrup	Zoom
			10.15-12.00	VF department presentation	Marie Olsson	Zoom
		Sep				
	Wed	1	08.15-10.00	Lecture: Plant physiology brush up	Salla Marttila	Zoom
			10.15-12.00	VSF department presentation	Paul Becher	Zoom
			17.00	Deadline Submission "Present yourself" in Canvas	-	-
	Thu	2	09.15-12.00	Presentations: The UN 17 SDGs	Anna Karin Rosberg	Zoom
	Fri	3	11.00	Send PowerPoint presentations by email to Lars.Mogren@slu.se	E-mail	-
			13.15-15.00	Presentations: Harvesting the sun + Horticulture for me	Lars Mogren	Zoom
			15.00-17.00	Reflection time on your own (+ Library modules in Canvas)		
<b>Agroforestry week</b>						
36	Mon	6	08.00 --->	Lecture: Agroforestry I	Lars Mogren	Canvas movie clips
			09.15-12.00	Possible miniexcursion to Lönnstorp (Outdoors!)	Lars Mogren/Maria Ernfors	On campus
			13.00-17.00	Literature study on your own - what is Agroforestry?		
	Tue	7	08.15-09.00	Lecture: Agroforestry II	Lars Mogren	Zoom

		09.00-09.30	Start case: Agroforestry Case	Lars Mogren	Zoom
		09.30-17.00	Own work with case		
Wed	8	08.00-10.00	Own work with case		
		10.15-12.00	LAPF department presentation - tree focus	Anna Levinsson	Zoom
		13.00-17.00	Own work with case		
		17.00	Hand in Ethics answers in Canvas		
Thu	9	08.00-15.00	Own work with case		
		15.00	Send: hand out/hand in/PowerPoint to Lars at latest 15.00	E-mail	
		15.00-17.00	Reflection time on your own (+ Library modules in Canvas)		
Fri	10	08.15-12.00	Presentations: Agroforestry case	AK Rosberg / L Mogren/M Eri	Zoom
		13.15-15.00	Lecture: Ethics	Per Sandin	Zoom
		15.15-17.00	Seminar: Ethics discussion	Georg Carlsson	Zoom

#### Food security week

37	Mon	13	10.15-12.00	Lecture: Food security, quality, food waste...	Marie Olsson	Zoom
			13.15-15.00	Lecture: Library skills	Åsa Ode	Zoom
	Tue	14	13.15-14.00	Lecture: From the green to the gene revolution...	Rodomirotiz	Zoom
			14.15-15.00	Lecture: Fruit breeding from the tropics...	Rodomirotiz	Zoom
	Wed	15	13.15-15.00	Seminar: Presentations and discussion	Marie Olsson	Zoom
	Thu	16	11.15-12.00	Lecture: Library skills - Q&A	Åsa Ode	Zoom
	Fri	17	13.15-15.00	Presentations: Fact sheets + discussion	Marie Olsson	Zoom
			15.00-17.00	Reflection time on your own		

#### Circular economy and domestication week

38	Mon	20	09.15-11.00	Lecture: Global perspective of the biobased circ. econ.	Marie Olsson	Zoom
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Tue	21	13.15-15.00	Seminar: Student selected issues	Marie Olsson	Zoom
Wed	22	09.15-10.00	Lecture: Domestication challenges...	Kimmo Rumpunen	Zoom
		10.15-11.00	Start: Fact sheet task	Kimmo Rumpunen	Zoom
Thu	23		Own work		
Fri	24	11.15-12.00	Mid course evaluation	Lars Mogren	Zoom
		13.15-15.00	Seminar: Fact sheets + discussion	Kimmo Rumpunen	Zoom

#### Plant protection week 1

39 Mon	27	09.45-16.30	PlantLink Day 2021	Paul Becher	Zoom (Lund?)
Tue	28	10.15-11.00	Lecture: Future challenges for plant protection	Paul Becher	Zoom
		11.00-11.30	Lecture: Plant protection basics	Paul Becher	Zoom
		11.30-12.00	Start of literature assignment	Paul Becher	Zoom
Wed	29		Own work		
Thu	30	10.15-11.00	Lecture: Taxonomic overview	Paul Becher	Zoom
		11.15-12.00	Lecture: Invasive species	Paul Becher	Zoom
	OCT				
Fri	1	10.15-12.00	Lecture: Regulations and IPM	Paul Becher	Zoom

#### Plant protection week 2

40 Mon	4	10.15-11.00	Inspirational lecture + introduction to IPM course	Laura Grenville-Briggs Didymus	Zoom
		11.15-11.30	Introduction to Chemical Ecology course	Sharon Hill	Zoom
		11.30-11.45	Introduction to Agroecology course	Teun Dekker	Zoom
		11.45-12.00	Summary and introduction to practical	Paul Becher	Zoom
		13.15-15.00	Possible practical (put out traps and start experiment)	Paul Becher	Microscopy lab
Tue	5		Own work		

Wed	6		Own work		
Thu	7	10.15-12.00	End of Practical. (Get traps back and evaluate experiment)	Paul Becher	Microscopy lab
Fri	8	13.15-17.00	Presentations	Paul Becher	Zoom
<b>Economy week</b>					
41 Mon	11	10.15-12.00	Lecture: Introduction to value chains and agribusiness	Konstantinos Karantininis	Zoom
		13.15-17.00	Own preparations for excursions		
Tue	12	08.00-17.30	Excursion day	Lars Mogren	On campus/Zoom
Wed	13	09.15-10.00	Excursion discussion	Konstantinos Karantininis	Zoom
		10.15-12.00	Lecture: Mapping the value chains and understanding organizations and strategy	Konstantinos Karantininis	Zoom
Thu	14		Own work		
Fri	15	09.15-12.00	Presentations: Oral	Konstantinos Karantininis	Zoom
<b>Global perspective week</b>					
42 Mon	18	08.15-10.00	Lecture: Global perspective - countries and cultures	Jean W.H Yong	Zoom
		10.15-11.00	Start: Case	Jean W.H Yong	Zoom
		11.15-12.00	Lecture: Horticultural production - buildings	Marie-Claude Dubois	Zoom
Tue	19		Own work		
Wed	20	08.15-10.00	Lecture: Ecological plant production	Jean W.H Yong	Zoom
Thu	21		Own work		
Fri	22	08.15-10.00	Case presentations	Jean W.H Yong / Lars Mogren	Zoom

10.15-12.00	Lecture: Urban farming	Jean W.H Yong	Zoom
13.15-15.00	Start of case + lecture: Urban tree management	Anna Levinsson	Zoom

#### Final week

43 Mon	25	08.15-17.00	Case work in Malmö		On campus/Zoom
Tue	26	13.15-15.00	Case presentations: Urban tree management	Anna Levinsson	Zoom
Wed	27	09.15-10.00	Lecture: Plant propagation	Lars Mogren	Zoom
		10.00-11.15	Start case: Plant propagation	Lars Mogren	Zoom
Thu	28		Own work		
Fri	29		Own work		

#### Last day

	Nov				
44 Mon	1	08.15-10.00	Case presentations + other presentations	Lars Mogren	Zoom
		10.15-12.00	Course examination + course evaluation	Lars Mogren	Zoom
		13.15-15.00	Time for digital course evaluation on your own		
Tue	2		<i>Start of next course</i>		