

Schedule SG0244 - 2021 (Draft 2020-12-18)

Date	Time	Room	Activity	Teacher	Notes
<b>Theme 1: The role of silviculture in society - demands, challenges and knowledge gaps</b>					
18-jan	9.15-11	Zoom	Course Introduction	UI, TM	
	13-15	Zoom	Silviculture - classification and systematisation of treatments and systems	LL	
19-jan			<i>Own reading of assigned literature and work with assignments</i>		
20-jan	9-12	Zoom	Future silviculture challenges and opportunities: a small forest owners perspective	Karin Fällman	Skogssällskapet
			<i>Own reading of assigned literature and work with assignments</i>		
21-jan	10-15	Zoom	Future silviculture challenges and opportunities: a government perspective	Clas Fries	Swedish Forest Agency
			<i>Own reading of assigned literature and work with assignments</i>		
22-jan	13-15	Zoom	Future silviculture challenges and opportunities: a nature conservation perspective	Malin Sahlin	Swedish Society for Nature
			<i>Own reading of assigned literature and work with assignments</i>		
23-jan					
24-jan					
25-jan	9-12	Zoom	Future silviculture challenges and opportunities: a large forest company perspective	Stefan Mattsson	Sveaskog
	13-14	Zoom	Course project intro. (assignment 2) - research proposals on key issues in silviculture	UI, TM	
<b>Theme 2: Current topics in silviculture</b>					
26-jan	9-12	Zoom	Future silviculture challenges and opportunities: a 10-year research project on forest management	Tomas Lundmark	
			<i>Own reading of assigned literature and work with assignments</i>		
27-jan	9-12	Zoom	Plant physiological research for Silviculture	Torgny Näsholm	
			<i>Own reading of assigned literature and work with assignments</i>		
28-jan	9-12	Zoom	Continuous cover forestry in northern forests - what we know and not know	LL	
			<i>Own reading of assigned literature and work with assignments</i>		
29-jan	9-12	Zoom	Nitrogen processes and patterns affecting forest stand development and management	MH	
			<i>Assignment 1 due: Written reflections from theme 1 presentations</i>		
30-jan					
31-jan					
1-feb	9-12	Zoom	Regeneration of forest stands	MCN	
			<i>Own reading of assigned literature and work with assignments</i>		
2-feb		Zoom	Multi-species forests	TM, UI	
			Theme 2 Assignment due		
<b>Theme 3: Forest stand dynamics - growth of continuous cover and mixed species forests</b>					
3-feb		Zoom/Video	Models as framework for understanding the world	LL	
			<i>Own reading of assigned literature and work with assignments</i>		
4-feb	9-12	Zoom/Video	Models in forestry	TM, LL	
	13-15		<i>Assignment 3 intro: empirical approaches</i>	LL	

5-feb	9-11	Zoom/Video	Description and analyses of forest stand dynamics	LL	
	13-15	Zoom	Assignment 3	LL	
6-feb					
7-feb					
8-feb	9-11	Zoom	Assignment 3	LL	
			<i>Own reading of assigned literature and work with assignments</i>		
9-feb			<i>Own reading of assigned literature and work with assignments</i>		
10-feb	9-11	Zoom/Video	Site productivity and site classification	LL	
11-feb			<i>Own reading of assigned literature and work with assignments</i>		
	12-14	Zoom	Assignment 3	LL	
12-feb			<i>Own reading of assigned literature and work with assignments</i>		
13-feb					
14-feb					
15-feb			<i>Own reading of assigned literature and work with assignments</i>		
16-feb	9-11	Zoom	Assignment 3 - discussion of assignment results	LL	
			<i>Assignment 3 due</i>		
<b>Theme 4: Process based approaches to forest stand dynamics</b>					
17-feb	9-12	Zoom	Ecophysiological principles for modelling forest stand development (light, nutrient and water use)	JM/TN	
	13-15		MSc thesis info from the department of Forest Ecology and Management		
18-feb	9-12	Zoom	Climate and energy balance and forest stand development	MP	
	13-15	Zoom	Assignment 4 intro: Using physiological modelling for evaluating effects of silviculture	UI	
19-feb	9-11	Zoom	Forest stand management and the water budget	UI	
			<i>Own reading of assigned literature and work with assignments</i>		
20-feb					
21-feb					
22-feb			<i>Own reading of assigned literature and work with assignments</i>		
	12-14	Zoom	Assignment 4	UI	
23-feb	9-11	Zoom	How to make an effective poster presentation	UI	
	12-14	Zoom	Assignment 4	UI	
24-feb			<i>Own reading of assigned literature and work with assignments</i>		
25-feb			<i>Own reading of assigned literature and work with assignments</i>		

26-feb	9-16	Zoom	Assignment 4: Student poster presentation of 3-PG modelling* + Course evaluation	UI	Mandatory activity
27-feb					
28-feb					
<b>Theme 5: Individual-based approaches in ecology and silviculture</b>					
1-mar	9-12	Zoom/Video	Individual-based forest management - assignment 3 intro. <i>Own reading of assigned literature and work with assignments</i>	AP	
2-mar	9-12	Zoom/Video	Spatial tree interaction analysis & modelling	AP	
	13-14	Zoom/Video	Assignment 5	AP	
3-mar			<i>Own reading of assigned literature and work with assignments</i>		
4-mar	9-12	Zoom/Video	Spatial tree interaction analysis & modelling	AP	
	13-14	Zoom/Video	Assignment 5	AP	
5-mar	9-12	Zoom/Video	Assignment 5	AP	
	13-14	Zoom/Video	Assignment 5	AP	
6-mar					
7-mar					
8-mar			<i>Own reading of assigned literature and work with assignments</i>		
9-mar			<i>Own reading of assigned literature and work with assignments</i>		
10-mar			<i>Draft outline of research proposal - Assignment 6 due</i>		
11-mar			<i>Own reading of assigned literature and work with assignments</i>		
12-mar			<i>Assignment 5 due</i>		
13-mar					
14-mar					
<b>Theme 6: Proposing future silvicultural research</b>					
15-mar	9-11		From research to practical forestry <i>Work with theme 6 research proposal</i>	LL, UI	
16-mar	9-12		Research case studies - Seminar with PhD students	FD, AL, GS, UI	
17-mar			<i>Work with theme 6 research proposal</i>		
18-mar			<i>Work with theme 6 research proposal</i>		

19-mar			<i>Work with theme 6 research proposal</i>		
			<i>Full research proposals due</i>		
20-mar					
21-mar					
22-mar			Preparations for presentations		
23-mar	9-12		Assignment 2: Student Presentations of research proposals*		Mandatory activity
	13-15		Assignment 2: Student Presentations of research proposals* + Course evaluation		Mandatory activity

Rooms: zoom/video; CR 3ab= Computer Room 3a and 3b???

**Teachers:**

UI Ulrik, Ilstedt  
 TM Tommy, Mörling  
 TL Tomas, Lundmark  
 MNH Peter Högberg  
 MCN Marie-Charlotte, Nilsson Hegethorn  
 ML Magnus, Löf  
 LL Lars, Lundquist  
 AP Arne Pommerening  
 TN Torgny, Näsholm  
 MP Matthias, Peichl  
 FD Felicia Dahlgren  
 AL Arvid Lindh  
 JL Johannes Larsson  
 GS Gustav Stål  
 JM John Marshall