

Schedule SG0272 - 2022 (Draft 2023-12-22)					
****Mandatory activities in BLUE****					
Date	Time	Room	Activity	Teacher	Notes
Module 1: Silviculture in society & research - demands, challenges and knowledge gaps					
15-Jan	9.15-12	Sälgen	Course Introduction, Research Skills in 'Real Life' jobs	EMH, Javier Segura	Holmen Skog
	13-15	Sälgen	Silviculture - a historic exposé	Lars Lundquist	
16-Jan			<i>Reading, work on Assignment 1 (due 16:00)</i>		
	13-15	Sälgen	Future silviculture Challenges and opportunities: Silviculture for climate mitigation/in a changing climate	Johan Sonesson	Skogforsk (Forestry Research Institute of Sweden)
17-Jan	9-11	Sälgen	Future silviculture challenges and opportunities: forest owners association	Satu Aguilar/Mikael M	Norra skog
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
18-Jan	9-11	Sälgen/ZOOM?	Future silviculture challenges and opportunities: World Wildlife Fund (WWF)	Peter Roberntz	WWF
	13-15	Sälgen	Future silviculture Challenges and opportunities: native peoples' perspective - Sámi	Andreas Lindberg	Swedish Sámi Association
19-Jan	9-11	Sälgen	Intro to research proposal - Assignment 7	EMH	
			<i>work on Assignments</i>		
20-Jan					
21-Jan					
22-Jan	9-11	Sälgen	Think-pair-share activity - Hunting for assumptions - development of critical thinking - Assignment 3	EMH	
			<i>work on Assignments</i>		
23-Jan	9-11	Sälgen	Future silviculture challenges and opportunities: a nature conservation perspective	Malin Sahlin	Swedish Society for Nature Conservation
	13-16	Sälgen	Regeneration and thinning of forest stands	Urban Nilsson	SLU
24-Jan	9-11	Sälgen	Future silviculture challenges and opportunities: a large forest company perspective	Stefan Mattsson	Sveaskog (state owned forest company)
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
25-Jan	9-11	Sälgen	Future silviculture challenges and opportunities: public service foundation	Karin Fällman	Skogssällskapet
	13-15	Sälgen	Multi-species forests	Felicia Lidman	Skogforsk (Forestry Research Institute of Sweden)
26-Jan	9-11	Sälgen	Future silviculture challenges and opportunities: government perspective	Tommy Mörling	Swedish Forest Agency
			<i>Assignment 7 - subject/question picked for research proposal (so we can assign a project supervisor) - due at 16:00</i>		
27-Jan					
28-Jan					
Module 2: Modelling forest stand dynamics - CLASSICAL APPROACHES					
29-Jan	9-11	Sälgen	Models as framework for understanding the world, <i>Assignment 2 DUE at 9:00</i>	AAM	
	13-16	CR 3a	Allometric modelling - development and evaluation	AAM	
30-Jan	9-11	Sälgen	Models in forestry - looking under the hood of Heureka	AAM	
	13-16	CR 3a	Construction of empirical growth and yield models	AAM	
31-Jan	9-11	Sälgen	Description and analyses of forest stand dynamics	AAM	
			WEDNESDAY AFTERNOON - LEAVE EMPTY	AAM	
1-Feb	9-11	Sälgen	Selection forest management in Northern Forests	Lars Lundquist	
	13-16	CR 3a	Assignment 4 Introduction	AAM	
2-Feb	9-11	Sälgen	Heureka/Empiracle models for CCF	Per-Erik Wikberg	
3-Feb					
4-Feb					
5-Feb	9-11	Sälgen	Site productivity and site classification	AAM	
	13-16	CR 3a	<i>Work on Assignment 4</i>	AAM	
6-Feb			<i>Work on Assignment 4</i>		
			<i>Work on Assignment 4</i>		
7-Feb	10-12	Sälgen/Zoom	How to write a proposal/research paper - alignment (Assignment 7)	Rosa Goodman	
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
8-Feb			<i>WORK ASSIGNMENTS 4+7</i>		
			<i>WORK ASSIGNMENTS 4+7</i>		
9-Feb	9-12	Sälgen	<i>Assignment 4 DUE, Presentation of results</i>	AAM	Mandatory activity
10-Feb					
11-Feb					
Module 3: Process based models for predicting forest stand dynamics					
12-Feb	9-11	Sälgen	Ecophysiological principles for modelling forest stand development (light, nutrient and water use)	Hyungwoo Lim	
	13-16	CR 3a	Assignment 5 intro: Using physiological modelling for evaluating effects of silviculture	UI	
13-Feb	9-11	Sälgen	Silviculture and the Water budget	UI	
	13-16	CR 3a	Work on Assignment 5		
14-Feb	9-11	Sälgen	Plant physiological research for Silviculture	Torgny Nasholm	
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
15-Feb	9-11	Sälgen	Climate and energy balance and forest stand development	Matthias Piechl	
			<i>work on Assignments</i>		
16-Feb	9-11	Sälgen	How to make an effective poster presentation	UI	
			<i>work on Assignments</i>		
17-Feb					
18-Feb					
19-Feb	9-11	Sälgen	Nitrogen	Nils Henriksson	
	13-16	CR 3a	Work on Assignment 5		
20-Feb	9-11	Sälgen	DIFFERENT APPROACHES TO DO RESEARCH - FIELD STUDIES (EXPERIMENT VS. OBSERVATIONAL), META-ANALYSE	EMH/UL	
			Work on Assignment 5		
21-Feb			Work on Assignment 5		
			WEDNESDAY AFTERNOON - LEAVE EMPTY, <i>Assignment 7/8 - Assignment 7 draft ready for peer review (Assignment 8A - peer review)</i>		
22-Feb			Work on Assignment 5		
			Work on Assignment 5		
23-Feb	9-12	Sälgen	<i>Assignment 5: Student poster presentation of 3-PG modelling</i>	UI	Mandatory activity
24-Feb					
25-Feb					

Module 4: Continuous Cover forestry					
26-Feb	9-12	Sälgen	Introduction to Module 4	AP	
			<i>Work on Assignments</i>		
27-Feb	9-11	Sälgen	Terms & definitions, history & challenges	AP	
	12-15	Sälgen	How do I get started with CCF?	AP	
28-Feb	9-12	Sälgen	Individual-based forest management	AP	
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
29-Feb	9-11	Sälgen	Forest structure and mixed species forests	AP	
	13-15	Sälgen	Forest structure and mixed species forests (cont)	AP	
1-Mar	9-11	Sälgen	Interacting with forest structure		
			Assignment 7/8 - peer reviews due		
2-Mar					
3-Mar					
4-Mar	9-12	Sälgen	Monitoring transformation and CCF	AP	
			<i>Work on Assignments</i>		
5-Mar	9-12	Sälgen	Implementing CCF	AP	
			<i>Work on Assignments</i>		
6-Mar	9-11	Sälgen	Training for CCF	AP	
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
7-Mar	9-12	Sälgen	Spatial diversity indices	AP	
			<i>Work on Assignments</i>		
8-Mar	9-11	Sälgen	Assignment 7 - First draft due of research proposal 16:00 to supervisors		
9-Mar					
10-Mar					
Module 5: Proposing future silvicultural research					
11-Mar	9-12	Sälgen/Zoom	Plockhugget lecture - Practical CCF management in Sweden	Markus Steen	maybe remote
			<i>Feedback on outline back to students by 15:00 - read feedback before the next day</i>		
12-Mar	10-12	Sälgen	How to take and incorporate feedback	Rosa Goodman	in person?
			<i>Work on Assignment 7</i>		
13-Mar	9-13		CCF Field trip to Nydala	AP/CE/FS/EMH	Mandatory activity
			WEDNESDAY AFTERNOON - LEAVE EMPTY		
14-Mar	9-12	Aula	Environmental adaptations in boreal forest regeneration - PhD student Defense	Bodil Häggström	
			<i>Work on Assignment 7</i>		
15-Mar			<i>Work on Assignment 7</i>		
			Assignment 7 - Full research proposals due at 16:00		
16-Mar					
17-Mar					
18-Mar	9-11	Sälgen	Assignment 7: Prepare for presentation		
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19-Mar	9-12	Sälgen	Assignment 7: Fill out evaluation, Student Presentations of research proposals (Assignment 8B - peer review of UI, EMH, other project)	UI, EMH, other project	Mandatory activity
			Finalize Extra Assignment 8B - peer review of presentation by 16:00		
Rooms: usually Sälgen; CR 3a= Computer Room 3a					
Teachers:					
AAM	Alex Appiah Mensah				
AP	Arne Pommerening				
CE	Charlotta Erefur				
EMH	Eliza Maher Hasselquist				
LL	Lars Lundquist				
MP	Matthias Peichl				
RG	Rosa Goodman				
TN	Torgny Näsholm				
UI	Ulrik Ilstedt				