

Schedule - Arctic Ecosystems 2025

Date, updated schedule 2025-05-12

Course organizer:

Gesche Blume-Werry GBW

Other teachers:

Sarah Schwieger SS
Valentin Kriegel VK
Leah Kirchhoff LK
Jan Dietrich JD
Tim Horstkotte TH
Emily Pickering Pedersen EPP
Karl Heuchel KH
Margareta Johansson (ANS)

Day	Date	Time	Type		Location	Teacher
Mo	01-sep			Arrival in Abisko; pick up keys at ANS		GBW
Tue	02-sep	0830-0900	Instruction	Cleaning & tour of the buildings and personnel		Noella Jonsso
		0900-1200	Lecture	Introduction	B-house	GBW
		1300-1400	Lecture	The Arctic and Subarctic terrestrial environment	B-house	GBW
		1400-1500	Lecture	Climate change in the Arctic and Subarctic	B-house	GBW
		1500-1530	Instruction	Instructions: Excursion Mt. Nuolja (+group picture)	B-house	GBW
		1600-1700	Instruction	Tour of the labs, lab security		LK
We	03-sep	0900-1300	Self study	Prepare Mt. Nuolja excursion		
		1300-1500	Lecture	Plants and plant-plant interactions in cold climates	B-house	GBW
		1500-1530	Instruction	Instructions: projects	B-house	JS, VK, LK
			Project	Group contract		
		1530-1700	Project	Self study: Course literature - projects		GBW, VK, LK
Thu	04-sep	0900-1000	Lecture	Experimental design and hypothesis	B-house	GBW? SS?
		1000-1700	Project	Reading time and development of hypothesis and aims		GBW, VK, LK
Fr	05-sep	08300-1100	Instruction	Mountain Security, orienteering		KH
		1100-1700	Excursion, self-guided	self-guided: The Arctic/alpine landscape - Mt Nuolja		
Sa	06-sep					
Su	07-sep					
Mo	08-sep	0900-1100	Lecture	Belowground ecology I/Roots, soil fauna, and decomposition	zoom	SS
		1100-1200	Symposium	Presentation hypotheses	B-house	SS?, VK, LK
		1300-1700	Workshop	Seasonality workshop part 1 & Project (preparation & practice)		JD, VK, LK
Tue	09-sep	0900-1700	Project	Project (practical work)		VK, LK
Wed	10-sep	0900-1100	Lecture	Belowground ecology II/Plant-soil microbe interactions	B-house	DW
		1100-1700	Project	Project (practical work)		VK, LK

Thu	11-sep	0800-1700	Excursion	Subarctic vegetation, Nutrient limitations, Plant-soil-microbe interactions (Kärkölä, Finland)	Lecture hall	TH
		<i>evening</i>		<i>optional get-together, Sami movie evening</i>		
		0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/6509167000</i>	6509167000	GBW
Fr	12-sep	0900-1100	Lecture	Herbivores and herbivory in the Arctic	B-house	TH
		1200-1700	Excursion	Herbivores/Sami/Landscapes/scaling		TH
Sa	13-sep					
Su	14-sep					
Mo	15-sep	0900-1700	Project	Project (practical work)		VK, LK
Tue	16-sep	0900-1700	Project	Project (practical work)		VK, LK
We	17-sep	0900-1700	Project	Project (practical work)		VK, LK
Thu	18-sep	0900-1700	Project	Project (practical work)		VK, LK
Fri	19-sep	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/6509167000</i>	6509167000	GBW
		0900-0930	Instruction	Instructions methods seminar	B-house	LK
		0930-1700	Project	Project (last practical work) // Self study: Course literature - projects		VK, LK
Sa	20-sep					
Su	21-sep					
Mo	22-sep	0900-1500	Project	Project (prepare methods posters)		
		1500-1700	Seminar	Methods poster seminar	B-house	VK, LK
Tue	23-sep	0900-1500	Self study	Prepare for literature seminar I		
		1500-1700	EXAM	Literature Seminar I "arctic plant-soil linkages"	B-house	EPP
Wed	24-sep	0900-1100	Project	Project (data analysis) meeting with JD to discuss data analysis		JD
		1100-1700	Project	Project (data analyses)		
Thu	25-sep	1000-1200	Lecture	Permafrost	B-house	MJ
		1300-1600	Excursion	Permafrost peatlands (Stordalen)		MJ, ICOS
Fr	26-sep	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/6509167000</i>	6509167000	GBW
		0900-1000	Seminar	Pictionary 1	B-house	EPP
		1000-1700	Project	Project (data analyses)		JD
Sa	27-sep					
Su	28-sep					
Mon	29-sep	0900-1700	Project	Project (data analyses)		
Tue	30-sep	0900-1100	Workshop,	self-study: Prepare graphs for seasonality workshop		JD
		1100-1700	Self study	Course literature - projects / last data analysis		
Wed	01-okt	0900-1000	Lecture	Instructions: Writing a paper	zoom	GBW? EPP?
		1100-1700	Project	Project (literature study, writing report)		
Thu	02-okt	1030-1130	Lecture	Scaling arctic ecosystems	B-house	JD
		1130-1330	Excursion	Scaling arctic ecosystems		JD
Fr	03-okt	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/6509167000</i>	6509167000	GBW
		0900-1700	Project	Project (writing report)		
Sa	04-okt					
Su	05-okt					
Mo	06-okt	0900-1700	Project	Project (writing report)		
Tue	07-okt	0900-1500	Self study	Prepare for literature seminar II		
		1500-1700	EXAM	Literature Seminar II "grazed arctic landscapes"	B-house	EPP
Wed	08-okt	0900-1700	Project	Project (writing report)		
Thu	09-okt	0900-1700	Project	Project (writing report)		
		1700	Project	Hand in first draft of report to peers at 17:00 latest		VK, GBW, LK
			Project	Upload project data to Canvas		VK, GBW, LK
Fri	10-okt	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/6509167000</i>	6509167000	GBW

		0900-1300	Project	Peer reviewing project reports draft		
			Project	Responses sent from peers to first draft, latest 13.00		VK, GBW, LK
		1400-1630	Lecture	Climate feedbacks from arctic ecosystems (plot scale)	B-house	GBW? ED?
Sa	11-okt					
Su	12-okt					
Mo	13-okt	0900-1700	Project	Project (revising report)		
Tue	14-okt	0900-1100	Lecture	Climate feedbacks from arctic ecosystems (biome scale)	B-house	EPP
		1100-1700	Project	Project (revising report)		
		1700	Project	Hand in first draft of report to group supervisors at 17.00 latest		VK, GBW, LK
We	15-okt	0900-1500	Self study	Prepare for literature seminar III		
		1500-1700	EXAM	Literature Seminar III "Experimental design"	B-house	EPP
Thu	16-okt	0900-1700	Self study	Study time (course literature)		
Fri	17-okt	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/650916· zoom</i>		GBW
		0900-1700	Self study	Study time (prepare oral presentation, course literature)		
Sa	18-okt					
Su	19-okt					
Mo	20-okt	0800-1000	Project	Project (feedback from group supervisor, responses to first draft)	B-house	VK, GBW, LK
		1000-1700	Project	Project (revising report)		
Tue	21-okt	0900-1000	Lecture	temporal scales of arctic experiments	B-house	VK
		1030-1700	Project	Project (revising report)		
We	22-okt	0900-1700	Project	Project (revising report)		
		1700	Project	Hand in final report to GBW, LK, VK at 17.00 latest		VK, GBW, LK
Thu	23-okt	0900-1200	Self study	Study time (prepare oral presentation)		
		1300-1600	EXAM	Project: mini-symposium (oral presentations)	B-house	VK, GBW, LK
		1600-1700	Self Study	Study time (course literature, pictionary)		
Fri	24-okt	0830-0900		<i>optional drop-in for questions, concerns, https://umu.zoom.us/j/650916· zoom</i>		GBW
		0900-1300	Self study	Study time (course literature)		
		1300-1400	Meeting	Questions to teachers	zoom	GBW, JS
		1430-1530	Seminar	Pictionary 2	B-house	EPP
		1600-1700	Self Study	Study time (course literature, update seasonality graphs)		
Sa	25-okt					
Su	26-okt					
Mo	27-okt	0900-1200	Self study	Study time (course literature, exam study)		
		1500-1700	Workshop	Seasonality and Winter processes part 2	B-house	JD
Tue	28-okt	0900-1700	Self study	Study time (course literature, exam study)		
We	29-okt	0900-1200	Self study	Study time (course literature, exam study)		
		1300-1700			B-house	LK
Thu	30-okt	1130-1330	EXAM	Written exam	B-house	GBW, ED, VK
				Evaluation		
Fr	31-okt	0800-1100		Cleaning and departure		