

BI1396 Sustainable production systems in a global perspective

15 hp

2024-12-16

Course leader

Thomas Prade

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Note: This course is campus-based.

Course period: 20th of January 2025 to 24th of March 2025

<https://www.slu.se/utbildning/program-kurser/kurs/BI1396/30009.2425/Hallbara-produktionssystem-i-ett-globalt-perspektiv/>

Start-up for group tasks or individual tasks
Lecture
Group work
Seminar
Excursion
Individual work
Deadline for hand-ins

Examiner	Linda-Maria Dimitrova Mårtensson	linda.maria.martensson@slu.se
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Week (Course week)	Date	Day	Time		Teacher	Room	Comments
3 (1)	20-jan	Monday					
			13.15-15.00	Course introduction	TP	Kärnan, Agricum	Mandatory
			15.15-16.00	Start up group work - Comparing regions	TP	Kärnan, Agricum	Mandatory
	21-jan	Tuesday	10.15-12.00	GAP-minder/FAOstat exercise	TP	Stallet, Alnarpsgården	
			13.15-15.00	Glimpses of the world - Agriculture in Colombia	ABL; passcode 740735	https://slu-se.zoom.us/j/61521497	via ZOOM
				Group work - comparing regions			
	22-jan	Wednesday		Group work - comparing regions			
				Language workshop drop-in available at Alnarp library 13-15.			
	23-jan	Thursday		Group work - comparing regions			
	24-jan	Friday		Group work - comparing regions			

Week	Date	Day					
4 (2)	27-jan	Monday	13.15-14.00	Start up of individual essay	TP	Kärnan, Agricum	Mandatory
			14.15-15.00	Technology and energy as driving forces I	TP	Kärnan, Agricum	
			15.15-16.00	Start up group work - Comparing production systems	TP	Kärnan, Agricum	Mandatory
	28-jan	Tuesday	09.15-10.00	Sustainable lifestyle	ND; passcode 768653	https://slu-se.zoom.us/j/67514406	via ZOOM
			10.15-12.00	Introduction lecture - Sustainability	ND; passcode 768653	https://slu-se.zoom.us/j/67514406	via ZOOM
	29-jan	Wednesday	10.15-12.00	Examination 1: Cross group presentation of comparing regions task	TP	Nordan, Agricum	Mandatory
				Group work on production systems			
				Language workshop drop-in available at Alnarp library 13-15.			
	30-jan	Thursday		Group work on production systems			
			13.15-16.00	Sustainability assessment of cropping systems	TP + RC	Nordan, Agricum	
			23.59	Hand in group work on comparing regions in Canvas and send to cross-reading group			Mandatory
	31-jan	Friday	09.15-12.00	The Nitrogen dilemma (and P)	RC	Nordan, Agricum	
13.15-15.00			Glimpses of the world - Agriculture in Uganda	RC	Nordan, Agricum		

Week	Date	Day					
5 (3)	03-feb	Monday		Group work on production systems		Global horticultural production systems	
	04-feb	Tuesday	13.15-15.00	Global horticultural production systems	JY	Nordan, Agricum	
			15.15-16.00	Global livestock production	OG	Nordan, Agricum	
			23.59	Hand in cross reading protocol of comparing regions in Canvas + send to author group			Mandatory
	05-feb	Wednesday	10.15-12.00	Technology and energy as driving forces II	TP	Nordan, Agricum	
				Group work on production systems			
				Language workshop drop-in available at Alnarp library 13-15.			
	06-feb	Thursday		Group work on production systems			
			23.59	Hand in starting document for individual essay in Canvas			Mandatory
	07-feb	Friday		Group work on production systems			
23.59			Hand in comments on Planetary boundaries in Canvas			Mandatory	

Week	Date	Day					
6 (4)	10-feb	Monday	10.15-12.00	Social sustainability	SZ; passcode 224721	https://slu-se.zoom.us/j/6653990358	via ZOOM
			13.15-15.00	Examination 2: Reading seminar Planetary boundaries	TP	Kärnan, Agricum	Mandatory
			15.15-16.00	Start up of group work of e-cases	TP	Kärnan, Agricum	Mandatory
	11-feb	Tuesday		Group work production systems/e-case			
	12-feb	Wednesday		Group work on production systems Language workshop drop-in available at Alnarp library 13-15.			
	13-feb	Thursday		Group work production systems/e-case			
	14-feb	Friday	09.15-12.00	Examination 4: Production system presentation	TP	Nordan, Agricum	Mandatory
			13.15-14.00	System Dynamic Modeling	ANL	Nordan, Agricum	

Week	Date	Day					
7 (5)	17-feb	Monday		Group work e-case			
			23.59	Hand in report (production system) in Canvas + mail to cross-reading group			Mandatory
	18-feb	Tuesday		Group work e-case			
	19-feb	Wednesday		Group work e-case			
			23.59	Hand in cross reading protocol of Production system in Canvas + send to author group			Mandatory
	20-feb	Thursday		Group work e-case			
21-feb	Friday		Group work e-case				

Week	Date	Day						
8 (6)	24-feb	Monday						
			13.15-15.00	Urban and periurban agriculture and horticulture	BA	Nordan, Agricum		
	25-feb	Tuesday		Group work e-case				
			23.59	Hand in comments on Living Planet report in Canvas				Mandatory
	26-feb	Wednesday		Group work e-case				
				Language workshop drop-in available at Alnarp library 13-15.				
	27-feb	Thursday	08.30-11.30	Examination 3: Reading seminar Living Planet Report	JA	Articum 3		Mandatory
				Group work e-case				
		23.59	Hand in cross-reading protocol (production system) in Canvas. Send protocol to author				Mandatory	
28-feb	Friday		Group work e-case					

Week	Date	Day						
9 (7)	03-mar	Monday		Group work e-case				
	04-mar	Tuesday	09.15-10.00	Glimpses of the world - South-East Asia	JY	Kärnan, AgricumJB		
			10.15-12.00	Climate change - consequences for production systems	ME	Kärnan, Agricum		
			13.15-15.00	Sustainable development from a business point-of-view	JB	Stora Sessionssalen, Slottet		
	05-mar	Wednesday		Group work e-case				
				Language workshop drop-in available at Alnarp library 13-15.				
	06-mar	Thursday		Group work e-case				
07-mar	Friday		Group work e-case					

Week	Date	Day						
10 (8)	10-mar	Monday		Group work e-case				
	11-mar	Tuesday	09.15-12.00	Examination 5: oral presentation of e-cases group work	TP / LMDM	Nordan, Agricum	Mandatory	
			13.15-15.30 23.59	Examination 5: oral presentation of e-cases group work <i>Hand in group e-case ppt presentation in Canvas</i>	TP / LMDM	Östan, Agricum	Mandatory Mandatory	
	12-mar	Wednesday						
				<i>Language workshop drop-in available at Alnarp library 13-15.</i>				
	13-mar	Thursday						
	14-mar	Friday	09.15-12.00	PhD presentation day			Articum 1	
23.59			<i>Hand in of individual essay in Canvas</i>				Mandatory	

Week	Date	Day						
11 (9)	17-mar	Monday						
	18-mar	Tuesday	10.15-12.00	Course evaluation	TP	Nordan, Agricum	Mandatory	
	19-mar	Wednesday						
			23.59	<i>Hand in cross-reading report for individual essay in Canvas</i>				Mandatory
20-mar	Thursday							
21-mar	Friday							

Week	Date	Day					
15 (13)	18-apr	Friday					
			23.59	2:nd hand in of ind. essays to Canvas that didn't pass the first time			

Abbreviation	Teacher	E-mail address	LECTURE ROOMS
ABL	Alejandro Barrios Latorre	alejandro.barrios.latorre@slu.se	<u>Agricum</u>
ANL	Andreas Nicolaidis Lindqvist, Dept of Biosystems and Technology, SLU Alnarp	andreas.nicolaidis@ri.se	Kärnan
BA	Beatrix Alsanius, Dept of Biosystems and technology, SLU Alnarp	Beatrix.Alsanius@slu.se	Nordan
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JY	Jean W H Yong, Dept of Biosystems and Technology, SLU Alnarp	jean.yong@slu.se	
LMDM	Linda-Maria Dimitrova Mårtensson, Dept of Biosystems and Technology, SLU Alnarp	linda.maria.martensson@slu.se	
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OG	Oleksiy Guzhva, Dept. Of Biosystems and Technology	oleksiy.guzhva@slu.se	Crafoordsalen
RC	Raj Chongtham, Dept of biosystems and technology, SLU Alnarp	raj.chongtham@slu.se	
SZ	Stanley Zira, RISE Research Institutes of Sweden, Uppsala	stanley.zira@ri.se	Vegetum
TP	Thomas Prade, Dept of Biosystems and Technology, SLU Alnarp	thomas.prade@slu.se	Lilla rummet