

BI1192 Sustainable production systems in a global perspective

15 hp

2021-02-11

Course leader

Thomas Prade

thomas.prade@slu.se

040-415157, 0709-31 32 71

Course period: 18h of January 2021 to 19th of March 2021

<https://www.slu.se/utbildning/program-kurser/kurser/?search=1&sprak=sv&fritext=bi1192&program=&termin=&sortering=Starttid&ort=&amne=&niva=&omfattning=&utid=&enhet=&CourseSearchButton=#sr>

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

Examiner

Linda Tufvesson

linda.tufvesson@slu.se

040-415021

Week (Course week)	Date	Day	Time		Teacher	Room	Comments	
4 (1)	18-jan	Monday						
			13.15-15.00	Course introduction	TP	Zoom	Compulsory	
				15.15-16.00	Start up group work - Comparing regions	TP	Zoom	Compulsory
	19-jan	Tuesday		09.15-11.00	GAP-minder/FAOstat exercise	TP	Zoom	
				11.15-12.00	Glimpses of the world - Agriculture in Australia	WE	Zoom	
					Group work - comparing regions			
	20-jan	Wednesday			Group work - comparing regions			
					Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	21-jan	Thursday			Group work - comparing regions			
	22-jan	Friday		09.15-11.00	Green revolution (forwards and backwards)	RO	Zoom	
			11.15-12.00	Glimpses of the world - Agriculture in Peru	RO	Zoom		
				Group work - comparing regions				

Week	Date	Day					
5 (2)	25-jan	Monday	10.15-12.00	Examination 1: Cross group presentation of comparing regions task	TP	Zoom	Compulsory
			13.15-14.00	Start up of individual essay	TP	Zoom	Compulsory
			14.15-15.00	Technology and energy as driving forces I	TP	Zoom	
			15.15-16.00	Start up group work - Comparing production systems	TP	Zoom	Compulsory
	26-jan	Tuesday	09.15-10.00	Sustainable lifestyle	LT	Zoom	
			10.15-12.00	Introduction lecture - Sustainability	LT	Zoom	
				Group work on production systems			
	27-jan	Wednesday		Group work on production systems Also today: Alnarpskonferensen (in Swedish)			
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	28-jan	Thursday		Group work on production systems			
23.59			Hand in group work on comparing regions in Canvas and send to cross-reading group			Compulsory	
29-jan	Friday	09.15-12.00	The Nitrogen dilemma (and P)	NRD	Zoom		

Week	Date	Day					
6 (3)	01-feb	Monday		Group work on production systems			
			13.15-16.00	Sustainability assessment of cropping systems	TP + GC	Zoom	
	02-feb	Tuesday		Group work on production systems			
			23.59	Hand in cross reading protocol of comparing regions in Canvas + send to author group			Compulsory
	03-feb	Wednesday		Group work on production systems			
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	04-feb	Thursday	10.15-12.00	Global livestock production	AH	Zoom	
			13.15-15.00	Technology and energy as driving forces II	TP	Zoom	
			23.59	Hand in starting document for individual essay in Canvas			Compulsory
	05-feb	Friday		Group work on production systems			

Week	Date	Day						
7 (4)	08-feb	Monday	10.15-12.00	Global horticultural production systems	JY	Zoom		
			13.15-14.00	Glimpses of the world - Agriculture in Chile	JL	Zoom		
	09-feb	Tuesday		Group work on production systems				
			23.59	Hand in comments on Planetary boundaries in Canvas			Compulsory	
	10-feb	Wednesday	09.15-10.00	Glimpses of the world - Agriculture in Uganda	RC	Zoom		
			10.15-12.00	Soilless culture for sustainable urban crop production	MTN	Zoom		
				Language workshop drop-in available at Alnarp library 13-15.		Zoom		
	11-feb	Thursday	11.15-12.00	System Dynamic Modeling	ANL	Zoom		
			13.15-15.00	Examination 3: Reading seminar Planetary boundaries	TP	Zoom	Compulsory	
			15.15-16.00	Start up of group work of e-cases	TP	Zoom	Compulsory	
	12-feb	Friday		Group work - e.g. cross reading of production system handout; e-case				
13.15-16.00			Examination 4: Production system presentation	TP	Zoom	Compulsory		

Week	Date	Day					
8 (5)	15-feb	Monday		Group work e-case			
			23.59	Hand in report (production system) in Canvas + mail to cross-reading group			Compulsory
	16-feb	Tuesday		Group work e-case			
			23.59	Hand in comments on Living Planet report in Canvas			Compulsory
	17-feb	Wednesday	09.15-12.00	Sustainable production from an international research perspective	TP + SH	Zoom	Compulsory
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	18-feb	Thursday	09.15-12.00	Examination 2: Reading seminar Living Planet Report	JA	Zoom	Compulsory
				Group work e-case			
	19-feb	Friday	23.59	Hand in cross-reading protocol (production system) in Canvas. Send protocol to author			Compulsory
				Group work e-case			
		23.59	Hand in comments on reading seminar - Conventional vs organic production				

Week	Date	Day					
9 (6)	22-feb	Monday		Group work e-case			
			13.15-16.00	Reading seminar - Conventional vs organic production	TP	Zoom	
	23-feb	Tuesday	09.15-12.00	Introduction to Business Strategy & Environment I	KK	Zoom	
			13.15-15.00	Global production systems and trade	KK	Zoom	
	24-feb	Wednesday		Group work e-case			
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	25-feb	Thursday	09.15-12.00	Introduction to Business Strategy & Environment II	KK	Zoom	
			13.15-15.00	Urban and periurban agriculture and horticulture	BA	Zoom	
26-feb	Friday	10.15-12.00	Glimpses of the world - Agriculture and urban agriculture in Bangladesh	MTN	Zoom		
			Group work e-case				

Week	Date	Day					
10 (7)	01-mar	Monday		Group work e-case			
	02-mar	Tuesday		Group work e-case			
	03-mar	Wednesday	09.15-10.00	Glimpses of the world - South-East Asia	JY	Zoom	
			10.15-12.00	Climate change - consequences for production systems	ME	Zoom	
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	04-mar	Thursday		Group work e-case			
	05-mar	Friday		Group work e-case			

Week	Date	Day					
11 (8)	08-mar	Monday	09.15-12.00	Examination 5: oral presentation of e-cases group work	TP / LT	Zoom	Compulsory
			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 / LT	Zoom	Compulsory Compulsory
	09-mar	Tuesday					
	10-mar	Wednesday					
				Language workshop drop-in available at Alnarp library 13-15.		Zoom	
	11-mar	Thursday					
	12-mar	Friday					
			23.59	<i>Hand in of individual essay in Canvas</i>			Compulsory

Week	Date	Day					
12 (9)	15-mar	Monday					
	16-mar	Tuesday	10.15-12.00	Course evaluation	TP	Zoom	Compulsory
	17-mar	Wednesday					
			23.59	Language workshop drop-in available at Alnarp library 13-15. <i>Hand in cross-reading report for individual essay in Canvas</i>		Zoom	Compulsory
	18-mar	Thursday					
19-mar	Friday						

Week	Date	Day					
16 (13)	16-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
AH	Anders Herlin, Dept of Biosystems and Technology, SLU Alnarp	anders.herlin@slu.se
ANL	Andreas Nicolaidis Lindqvist, Dept of Biosystems and Technology, SLU Alnarp	andreas.nicolaidis@ri.se
BA	Beatrix Alsanius, Dept of Biosystems and technology, SLU Alnarp	Beatrix.Alsanius@slu.se
GC	Georg Carlsson, Dept of Biosystems and Technology, SLU Alnarp	georg.carlsson@slu.se
JA	Johannes Albertsson, Dept of Biosystems and Technology, SLU Alnarp	johannes.albertsson@slu.se
JL	Jonatan Leo, Dept of Plant Breeding, SLU Alnarp	jonatan.leo@slu.se
JY	Jean W H Yong, Dept of Biosystems and Technology, SLU Alnarp	jean.yong@slu.se
KK	Konstantinos Karantininis, Dept of Economics, SLU Ultuna	karantininis.konstantinos@slu.se
LT	Linda Tufvesson, Dept of biosystems and technology, SLU Alnarp	linda.tufvesson@slu.se
ME	Maria Ernfors, Dept of Biosystems and Technology, SLU Alnarp	maria.ernfors@slu.se
MTN	Most Ahera Naznin, Dept. of Biosystems and technology, SLU Alnarp	naznin.most.tahera@slu.se
NRD	Nawa Raj Dhamala, Dept. of Biosystems and technology, SLU Alnarp	nawaraj.dhamala@slu.se
RC	Raj Chongtham, Dept of biosystems and technology, SLU Alnarp	raj.chongtham@slu.se
RO	Rodomirol Ortiz, Dept of plant breeding, SLU Alnarp	rodomirol.ortiz@slu.se
SH	Sharon Hill, Dept of Plant Protection Biology, SLU Alnarp	sharon.hill@slu.se
TP	Thomas Prade, Dept of Biosystems and Technology, SLU Alnarp	thomas.prade@slu.se
UE	Urban Emanuelsson, Swedish Biodiversity Centre, SLU Ultuna	urban.emanuelsson@slu.se
WE	Will English, Dept of biosystems and technology, SLU Alnarp	william.english@slu.se