

Preliminary MSc/PhD-course “Plant Protection Biology to meet the UN’s Sustainable Development Goals”, SLU-P0065, August 3 – 14, 2020 Alnarp, Sweden

Course schedule Updated: 7 July 2020

Organisers: LTV-faculty SLU Alnarp, MSC-ITN PROTECTA, ELLS

Date	Time	Items	Teachers	Location
Monday Aug 3	Morning	Arrival and individual pre-preparations of course		Crafoord Hall/Online
	Lunch			
	13.00 – 13.30	Introduction and Instructions	EA	
	13.30 – 15.00	Short student presentation about research area/background	All in groups	
	15.00 – 16.00	Very short history of plant protection	EA	
	16.00 – 16.30	Student presentations continued	All in groups	
	16.30 – 17.00	Introduction to the “case study”	EA	
Tuesday Aug 4	09.00– 11.00	Biology of plant pathogenic fungi	HJ	Crafoord Hall/Online
	11.00 – 12.00	Plant pathogenic viruses and bacteria	RV	
	Lunch			
	13.00 – 14.00	Plant pathogenic viruses and bacteria cont.	RV	
	14.00 – 16.00	Pathogenic oomycetes	LGB	
	16.00 – 17.30	Group discussions/Literature seminar 1	EA	

Wednesday Aug 5	09.00 – 11.00	Plant pests [pre-recorded]	TD	Crafoord Hall/Online
	11.00 – 12:00	Plant-insect interactions and pollinators	SA	
	Lunch 13.00 – 15.00	<i>ELLS internal online meeting</i> Forest protection strategies	KR	
	15.00 – 17.00	Weeds and weed management	GR	
Thursday Aug 6	09.00 – 10.30	Group discussion/Literature seminar 2	EA	Crafoord Hall/Online
	10.30 10.30 – 12.00	START OF PROTECTA COURSE Introduction to UN Sustainable Development Goals with exercise	AA/EA	
	Lunch 13.00-14.30	From transgenic plants to endophytic fungi: contrasting approaches to disease control in plants	DBC	
	14.30 – 16.30	EFSA pest risk assessment activities with practical exercise	MP/AMV	
	17:00-19:00	<i>Protecta annual meeting</i>		

Friday Aug 7	9.00 – 11.00	Ecosystems and multi-trophic interactions [pre-recorded]	KKG	Crafoord Hall/Online
	11.00 – 12.00	Forest management	LP	
	Lunch 13.00 – 14.00	Forest policy	AB	
	14.00 – 15.00	Forest alien pests	CBF	
	15.00 – 16.30	Gowan lecture	DS	
	16.30 – 17.00	Presentation of articles for group seminar Monday	AMV/MT	
	17.00 – 19.00	<i>Protecta annual meeting, cntd</i>		
Saturday Aug 8		Self studies - case study + policy-SDGs preparations		
Sunday Aug 9		Self studies - case study + policy-SDGs preparations		
Monday Aug 10	09.00 – 11:00	Biological control: concepts, status and possibilities	AMV/MT	Crafoord Hall/Online
	11.00 – 12.00	Biologicals	SR	
	Lunch 13.00 – 15.00	Group seminar work	DS	
	15.30 – 17.30	Presentation of group work and discussion	AMV/MT	
Tuesday Aug 11	09.00 – 11.00	Ecosystems: concepts and comparison between agriculture and forest ecosystem	ML	Plantan/Online
	11.00-12.00	Short online test END OF PROTECTA COURSE	AMV/EA EA/SR	
	Lunch 17.00 – 19.00	Lunch + study visits Molecular aspects of disease resistance/PlantLink dinner	EA/SR	

Wednesday Aug 12	09.00 – 11.00	Plant breeding for resistance and working within PPPs for breeding	TB	Crafoord Hall/Online
	11.00 – 12.00	Induced resistance for plant protection	EA/SR	
	Lunch 13.00 – 14.30	Group discussions/Literature seminar 3	All	
	14.30 – 17.00	Climate change, modelling and plant pathogens including modelling lab	VL	
Thursday Aug 13	09.00 – 10.30	Brief introduction to remote and proximal sensing in plant protection	EA	Crafoord Hall/Online
	10.30 – 12.00	Pathogen-mycorrhiza interactions	KHA	
	12.00 –	Study and preparation time case study		
Friday Aug 14	9.00 – 14.00	Student presentations of case study and final discussions Course evaluation	EA/SR	Plantan/Online

Invited teachers (ELLS teachers in green):

AB – Andrea Battisti

AMV - Anna Maria Vettriano, Unitus

CBF – Carbone Battisti-Faccoli, Unitus

DBC – David B. Collinge, University of Copenhagen, Denmark

GH - Gerhard Rolands, University of Hohenheim

DS – Dario Sterzi, Unitus

HJ – Hans Jørgen Lyngs Jørgensen, University of Copenhagen, Denmark

KR- Karolina Resnerova, Czech University of Life Sciences Prague

KHA - Karin Hage-Ahmed, BOKU, Austria

LP – Luigi Portoghesi, Unitus

MP - Marco Pautasso, EFSA

VL – Veiko Lehsten, Lund University, Sweden

SA – Sergio Angeli, Free University of Bozen-Bolzano

SLU-teachers:

AA – Assem Abouhatab

EA – Erik Alexandersson

KKG – Kristina Karlsson Green

LGB – Laura Grenville Briggs

ML – Mattias Larsson

MT – Marco Tasin

SR – Svante Resjö

TD- Teun Dekker

TN – Therese Bengtsson