

BI1456

PLANT PATHOLOGY MASTER COURSE

SCHEDULE 2025

Week 36	1-Sep	2-Sep	3-Sep	4-Sep	5-Sep
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15		Lecture -Introduction to Plant Virology (AK) (A402 Biocentrum)	Lecture -Diagnostics and Identification of Plant Diseases (BA) (C216 Biocentrum)	Field Work -Survey of plant diseases: How to perform and report field observations. (GT/BA)	Lab Work -Diagnostics and isolation of plant pathogens. (GT/BA) (BÖL 1)
10:30-12:00		Lecture -Transmission of Plant Viruses (AK) (A402 Biocentrum)			
12:00-13:00		Break	Break	Break	Break
13:00-14:15	Course Introduction (GT/BA) (Sal K, Undervisningshuset)	Field Work -Survey of Plant Viruses at Uppsala Botanical Garden (AK)		Lab Work -Diagnostics and isolation of plant pathogens. (GT/BA) (BÖL 1)	
14:30-16:00	Lecture -Introduction to Plant Pathology (GT) (Sal K, Undervisningshuset)				

Week 37	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15	Lecture -Systematics of the fungal kingdom (MK) (C213 Biocentrum)	Lecture -Molecular Characterization of Fungal Pathogens (MK) (A372 Biocentrum)	Lab Work -Molecular diagnostics of plant pathogens (GT/AS) (BÖL 1)	TEX1 Group Study - Phylogeny of Plant Pathogenic Fungi (MK) (C216 Biocentrum)	TEX1 Computer Exercise - Phylogeny of Plant Pathogenic Fungi (MK) (Mykopat Library and A-372)
10:30-12:00					
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:15	Lecture -Plant pathogens in the tree-of-life (MSG) (C216 Biocentrum)	Lab Work -Molecular diagnostics of plant pathogens (GT/AS) (BÖL 1)	Lab Work -Molecular diagnostics of plant pathogens (GT/AS) (BÖL 1)	TEX1 Group Study - Phylogeny of Plant Pathogenic Fungi (MK) (C216 Biocentrum)	
14:30-16:00					

Week 38	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15	Lecture -Biological disease control (MK) (C213 Biocentrum)	Lab Work -Biological Control of Plant Diseases (MD/AR) (BÖL 1)	#TEX2 Discussion - Biological control of plant pathogens (MK) (C216 Biocentrum)	Lecture -Chemical disease control (BA) (C216 Biocentrum)	Lecture -Life cycle and epidemiology of soilborne pathogens (MK). (C216 Biocentrum)
10:30-12:00			Lecture -Suppressive soils (HF) (C216 Biocentrum)	Lecture -Fungicide resistance (BA) (C216 Biocentrum)	Lecture -Life cycle and epidemiology of airborne pathogens (BA) (C216 Biocentrum)
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:15	Lab Work -Biological Control of Plant Diseases (MD/AR)	Lab Work -Biological Control of Plant Diseases (MD/AR) (BÖL 1)		Lecture -RNA interference in biological control (MD). (C216 Biocentrum)	
14:30-16:00					

Week 39	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15	Lecture -Life cycle and epidemiology of post-harvest diseases.(MK) (C216 Biocentrum)	Lecture -Principles of plant disease epidemiology (AB) (A241 Biocentrum)	Computer Exercise - Population genetics (VR) (Mykopat library)	Lecture -Plant pathogenic nematodes (MV) (C216 Biocentrum)	Computer Exercise - Disease forecast (BA) (C216 Biocentrum)
10:30-12:00	Lecture -Fungal mycotoxins (HF) (C216 Biocentrum)				
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:15	Lecture -Surveillance and forecasting of plant diseases (BA) (C216 Biocentrum)	Lecture -Principles in population genetics of plant pathogens (VR) (C216 Biocentrum)		Lab work -Plant pathogenic nematodes (MV) (BÖL 1)	
14:30-16:00					

Week 40	29-Sep	30-Sep	1-Oct	2-Oct	3-Oct
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15					
10:30-12:00	Lecture- Risk assessments and new pathogens (JB) (C213 Biocentrum)	Lecture - How plants defend against pathogens (MD) (C213 Biocentrum)		Lecture- Parasitic plants (CM) (Lennart Kennes sal Biocentrum)	
12:00-13:00	Break	Break		Break	
13:00-14:15	Lecture - Principles in plant resistance and breeding (ME) (C216 Biocentrum)	Lab Work -Biological Control of Plant Diseases (MD) (BÖL 1)		Lecture- Plant pathogenic bacteria (DL). (Sal Z, Ulls hus)	
14:30-16:00		Lab Work -Biological Control of Plant Diseases (MD) (BÖL 1)			

Week 41	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15		Case studies presentations (C213 Biocentrum)			
10:30-12:00	Lecture -How pathogens attack plants (GT) (C216 Biocentrum)		Lecture - The Top 10 fungal pathogens in molecular plant pathology (GT) (C213 Biocentrum)	OneHealth Workshop Introduction (AB) (C216 Biocentrum)	Plant Defense lab (GT)
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:15	Lecture -Effectors and Plant Immunity (GT) (A402 Biocentrum)	Case studies presentations (C212 Biocentrum)			Plant Defense lab (GT)
14:30-16:00					

Week 42	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15	Plant Defense lab (GT)		Plant Defense lab (GT) (Mykopat library)	One Health Workshop Work in groups	One Health Workshop Work in groups
10:30-12:00	Plant Defense lab (GT)				
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:15	Plant Defense lab (GT)	Plant Defense lab (GT)		One Health Workshop Work in groups	One Health Workshop Work in groups
14:30-16:00	Plant Defense lab (GT)	Plant Defense lab (GT)			

Week 43	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15					
10:30-12:00	"One Health Workshop Presentations (C216 Biocentrum)"				
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:00	One Health Workshop Presentations (C216 Biocentrum)				
14:30-16:00					

Week 44	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-10:15			Exams (A336 and A338 Biocentrum)		
10:30-12:00					

Teachers

GT	Georgios Tzelepis
BA	Björn Andersson
AK	Anders Kvarnheden
MSG	Marisol Santez Garcia
MK	Magnus Karlsson
MD	Mukesh Dubey
AR	Allesandra Ruffino
HF	Hannah Friberg
VR	Vahideh Rafiei
AB	Anna Berlin
MV	Maria Viketoft
ME	Malin Elfstrand
CM	Charles Melnyk
DL	Derek Lundberg
JB	Johanna Boberg