

	Monday (01.07.24)	Tuesday (02.07.24)	Wednesday (03.07.24)	Thursday (04.07.24)	Friday (05.07.24)
9.15 – 10.00	Welcome Introductions (Betz/Schneider/ELSA)	Betz S1 Insect herbivory	Steidle Movie „Born to kill“	Vögele S1 Bacterial pathogens of plants	Traynor Hive Demo S1 Pathogens of honey bees I
Break					
10.15 – 11.00	Kufer S1 Basic principles of immunity in mammals	Betz S1 Insect herbivory	Steidle S1 Parasitoids introduction	Vögele S1 Fungal pathogens of plants	Traynor Hive Demo S1 Pathogens of honey bees I
Break					
11.15 – 12.00	Kufer S1 Basic principles of immunity in mammals	Charalabidis Climate change on pests and interactions with predators	Steidle S1 Host finding of parasitoids	Seifert S1 Theoretical part: Molecular methods to detect microorganisms	Formation of groups for Teamwork (Schneider/Betz)
LUNCH (12.00-13.15)					
13.15. - 14.00	Schilling S1 Animal pathogens	Charalabidis Climate change on pests and interactions with predators	Steidle Practical on parasitoids	Hölzle/Seifert/Schilling S1 Lab work (Molecular methods to detect microorganisms)	Mackenstedt S1 Parasites introduction and lifecycles
Break					
14.15 – 15.00	Commichau S1 Human pathogenic bacteria	Vögele S2 Systemic acquired resistance	Steidle Practical on parasitoids	Hölzle/Seifert/Schilling S1 Lab work (Molecular methods to detect microorganisms)	Mackenstedt S1 Parasites introduction and lifecycles
Break					
15.15 – 16.00	Commichau S1 Human pathogenic bacteria	Vögele S2 Systemic acquired resistance (lab experiment (Inst. 360))	Steidle S4 Host-parasitoid coevolution	Hölzle/Seifert/Schilling S1 Lab work (Molecular methods to detect microorganisms)	Mackenstedt Parasite microscopy
Break					
16.15 – 17.00	Campus walk (HIWIS) Welcome barbecue (from 17.30)	Vögele S2 Systemic acquired resistance (lab experiment (Inst. 360))	Steidle S4 Host-parasitoid coevolution	Hölzle/Seifert/Schilling S1 Lab work (Molecular methods to detect microorganisms)	Mackenstedt Parasite microscopy

	Monday (8.7.24)	Tuesday (9.7.24)	Wednesday (10.7.24)	Thursday (11.7.24)	Friday (12.7.24)
9.15-10.00	Mid-term evaluation (HiWis)	Betz S2 Plant toxins as a defense	Mackenstedt S3 Overcoming host defense	Kufer S3 Innate Immune recognition in mammals	Hölzle/Schilling S4 Virulence mechanisms of bacteria
Break					
10.15-11.00	Mackenstedt S2 Host resistance to parasites	Betz S2 Plant toxins as a defense	Mackenstedt S4 Parasite-induced host behaviour	Kufer S3 Innate Immune recognition in mammals	Steidle S4 Host-parasite coevolution
Break					
11.15-12.00	Mackenstedt S2 Host resistance to parasites	Vögele S2 Recognition of plant pathogens	Mackenstedt S4 Parasite-induced host behaviour	Hölzle S3 Host adaptations and immune evasion in haemotrophic mycoplasma	Commichau S4 Minimal genomes II
Lunch 12.00-13.15					
13.15-14.00	Traynor Hive Demo S2 Pathogens of honey bees II	Sedlmeier/EI-Hasan Teaching garden of the University	Betz S3 Insects adaptations to plant toxins	Schilling Excursion to Wilhelma (zoological botanical garden)	Mackenstedt TBE Ticks
Break					
14.15-15.00	Traynor Hive Demo S2 Pathogens of honey bees II	Sedlmeier/EI-Hasan Teaching garden of the University	Betz S3 Insects adaptations to plant toxins	Schilling Excursion to Wilhelma (zoological botanical garden)	Mackenstedt TBE Ticks
Break					
15.15-16.00	Commichau S4 Minimal genomes I	Sedlmeier/EI-Hasan Teaching garden of the University		Schilling Excursion to Wilhelma (zoological botanical garden)	Mackenstedt Tick collection
Break					
16.15-17.00				Schilling Excursion to Wilhelma (zoological botanical garden)	Mackenstedt Tick collection

	Monday (15.7.24)	Tuesday (16.7.24)	Wednesday (17.7.24)	Thursday (18.7.24)	Friday (19.7.24)
9.15-10.00	Betz S4 Sequestration of plant toxins as a driver of insect-plant interactions	Teamwork	Presentation and discussion of teamwork results (Traynor/all)		
Break					
10.15-11.00	Betz S4 Sequestration of plant toxins as a driver of insect-plant interactions	Teamwork	Presentation and discussion of teamwork results (Traynor/all)	Exam	
Break					
11.15-12.00	Betz Demonstration Butterflies Greenhouse Phytomedicine	Teamwork	Feedback/Discussion about presentations	Exam Final evaluation (online)	
Lunch 12.00-13.15					
13.15-14.00	Vögele S2 Systemic acquired resistance (lab experiment) (Inst. 360)	Teamwork	Time for preparation of exam	HIWIS Facultative Excursion	
Break					
14.15-15.00	Teamwork	Teamwork	Time for preparation of exam	HIWIS Facultative Excursion	
Break					
15.15-16.00				HIWIS Facultative Excursion	
Break					
16.15-17.00				18.00 Farewell barbecue Presentation of certificates, group photo (Phytomedicine)	