

Schedule Microbial Horticulture version 241217

2024-12-17 - 2025-12-17 BI1429, Microbial Horticulture, VT2025

	Time	Course code	Applicati on code	Course name	Location, Building	Person	Activity	Title	Number of students
w4	Mon 2025-01-20								
	13:15 - 14:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Anna Karin Rosberg	Course introduction	Course introduction	
	14:15 - 15:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Beatrix Alsanius	Lecture	Lab driving license and lab reports	
	Tue 2025-01-21								
	08:15 - 11:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet	Anna Karin Rosberg	Exercise	Exercises 1A and 1B	20
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet	Beatrix Alsanius	Lecture	Involvement of microorganisms in horticultural production	
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 1 in Canvas: Lab driving license	20
Wed 2025-01-22									
	09:15 - 10:00	BI1429	30056	Microbial Horticulture	Articum 3. Articum/Navet	Samar Khalil	Lecture	Microbial morphology	
	10:15 - 11:30	BI1429	30056	Microbial Horticulture		Anna Karin Rosberg	Exercise	Exercise 3: Introduction and start of"egradation of RoundUp"	20
Thu 2025-01-23									
	08:15 - 09:00	BI1429	30056	Microbial Horticulture	Articum 2. Articum/Navet	Beatrix Alsanius	Lecture	Digging into the portfolios	20
	09:15 - 10:00	BI1429	30056	Microbial Horticulture	Articum 2. Articum/Navet	Anna Karin Rosberg	Lecture	Microorganisms associated with plants	
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 2 in Canvas: Microbial growth and growth control	20
Fri 2025-01-24									

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w4	Fri 2025-01-24								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Västan. Agricum	Samar Khalil	Lecture	Microbial growth and growth control	
w4	Fri 2025-01-24								
	13:15 - 15:00	BI1429	30056	Microbial Horticulture	Computer room Ladan. Alnarpsgården	Anna Karin Rosberg	Exercise	Exercise 1C: Growth curve exercise	20
w5	Mon 2025-01-27								
	09:15 - 12:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet	Maria Karlsson	Exercise	Exercise 2A: Introduction and inoculation of leafy greens	20
	Tue 2025-01-28								
	08:15 - 12:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet	Maria Karlsson	Exercise	Exercise 2A: Extraction of bacteria from leafy greens	20
	13:10 - 14:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Samar Khalil	Lecture	The microbial world taxonomy	20
	Wed 2025-01-29								
	08:15 - 10:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2A: Read viable counts from leafy greens	20
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2B: Pure cultures of 2 isolates	20
	Thu 2025-01-30								
	13:15 - 14:00	BI1429	30056	Microbial Horticulture	Articum 1. Articum/Navet	Maria Karlsson	Lecture	Biofilms and horticulture	
	14:15 - 15:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2B: Pure cultures, step 2	20
w6	Mon 2025-02-03								
	13:15 - 14:00	BI1429	30056	Microbial Horticulture	Articum 1. Articum/Navet	Anna Karin Rosberg	Lecture	Fertilization	
	14:15 - 15:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2B: Pre culture, step 3	20

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w6	Tue 2025-02-04								
	09:15 - 10:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2C: over night culture	20
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Beatrix Alsanius	Workshop	Workshop on compost	
	Thu 2025-02-06								
	10:15 - 11:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Siri Caspersen	Lecture	Mycorrhiza	
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Georg Carlsson	Discussion	Flipped classroom: nitrogen fixation	20
	13:15 - 16:00	BI1429	30056	Microbial Horticulture			Exercise	Exercise 2C: transfer of cryo cultures Class 2 lab Vegetum 3 groups á 45 minutes	20
	Fri 2025-02-07								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Maria Karlsson Samar Khalil	Lecture	Introduction to microbiological methods	20
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 3 in Canvas: DNA based methods	20
w7	Mon 2025-02-10								
	08:15 - 09:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 2C: Inoculation of cryo culture	
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Maria Karlsson	Lecture	Introduction to DNA based methods	20
	13:15 - 14:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Maria Karlsson	Lecture	Bacteriophages	20
	14:15 - 15:00	BI1429	30056	Microbial Horticulture	Microscope room. Articum/Navet		Exercise	Exercise 5: Coliphages	
	Tue 2025-02-11								

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w7	Tue 2025-02-11								
	09:15 - 12:00	BI1429	30056	Microbial Horticulture	Microscope room. Articum/Navet	Maria Karlsson	Exercise	Exercise 2D: DNA extraction of pure cultures and PCR	
w7	Tue 2025-02-11								
	13:15 - 15:00	BI1429	30056	Microbial Horticulture	Microscope room. Articum/Navet		Exercise	Exercise 6: Water quality lab	
	15:15 - 16:00	BI1429	30056	Microbial Horticulture	Microscope room. Articum/Navet		Exercise	Exercise 5: Read coliphage lab	
	Wed 2025-02-12								
	08:15 - 09:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Beatrix Alsanius	Lecture	Horticultural water	20
	09:15 - 10:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 6: Read water quality lab	20
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet	Maria Karlsson	Exercise	Exercise 2D: Gel electrophoresis	20
	13:15 - 14:00	BI1429	30056	Microbial Horticulture			Exercise	Sowing cress in greenhouse	20
	Thu 2025-02-13								
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 4 in Canvas: Soil microbiology	20
	Fri 2025-02-14								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Anna Karin Rosberg	Lecture	Soil microbiology: lecture and case start	20
w8	Tue 2025-02-18								
	10:15 - 11:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Beatrix Alsanius	Lecture	Harvest and postharvest handling	
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Beatrix Alsanius	Lecture	Food safety	
	Wed 2025-02-19								

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w8	Wed 2025-02-19								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture			Exercise	Exercise 3: Spraying in greenhouse	20
w8	Thu 2025-02-20								
	18:00 - 18:20	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 5 in Canvas: Risk assessment	20
	Fri 2025-02-21								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Ivar Vågsholm	Lecture	Risk assessment	20
	13:15 - 15:00	BI1429	30056	Microbial Horticulture	Grodden. Agricum	Ivar Vågsholm	Exercise	Exercise 7: Calculation of risks	
w9	Mon 2025-02-24								
	09:15 - 12:00	BI1429	30056	Microbial Horticulture	Computer room Stallet. Alnarpsgården	Maria Karlsson	Workshop	Sequencing workshop	20
	Tue 2025-02-25								
	08:00 - 16:00	BI1429	30056	Microbial Horticulture		Anna Karin Rosberg	Excursion	Study visits	20
	Thu 2025-02-27								
	09:15 - 11:00	BI1429	30056	Microbial Horticulture	Västan. Agricum	Beatrix Alsanius	Discussion	Discussion Prtfolio 2	
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Västan. Agricum	Anna Karin Rosberg	Evaluation	Midterm evaluation	
	Fri 2025-02-28								
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Lab report 1	20
w10	Mon 2025-03-03								
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 6 in Canvas: Biocontrol	20

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w10	Tue 2025-03-04								
	10:15 - 11:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Anna Karin Rosberg	Lecture	Biocontrol	
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Maria Karlsson	Lecture	Light interactions	
	13:15 - 14:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Malin Hultberg	Lecture	Mushroom production	
	Wed 2025-03-05								
	09:15 - 10:00	BI1429	30056	Microbial Horticulture			Exercise	Exercise 3: assessment emergence	20
	10:15 - 11:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Extern resurs	Lecture	Macrobiota: the food-consumer interface	20
	11:15 - 12:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Extern resurs	Lecture	Probiotics	20
	Thu 2025-03-06								
	10:15 - 11:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 4: Microbial activity, group 1	20
w11	11:15 - 11:55	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 4: Microbial activity, group 2	20
	14:15 - 17:00	BI1429	30056	Microbial Horticulture	Chemistry room. Articum/Navet		Exercise	Exercise 4: Microbial activity, group 2 start 13:15, group 2 14:15, all together 15:15	20
	Fri 2025-03-07								
	10:00 - 12:00	BI1429	30056	Microbial Horticulture		Anna Karin Rosberg	Presentation	Soil microbiology: case presentations in cross groups	20
	13:15 - 15:00	BI1429	30056	Microbial Horticulture	Articum 4. Articum/Navet	Anna Karin Rosberg	Discussion	Discussion: critical reflection on lab results	
	Mon 2025-03-10								
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Quiz 7 in Canvas: Bioremediation	20

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w11	Tue 2025-03-11								
	10:15 - 12:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Samar Khalil	Lecture	Bioremediation	20
	Wed 2025-03-12								
	18:00 - 18:15	BI1429	30056	Microbial Horticulture			Deadline	Deadline Lab report 2	20
	Thu 2025-03-13								
	07:00 - 20:00	BI1429	30056	Microbial Horticulture			Own studies	Preparation for exam	20
w12	Fri 2025-03-14								
	07:00 - 20:00	BI1429	30056	Microbial Horticulture			Own studies	Preparation for exam	20
	Mon 2025-03-17								
	07:00 - 20:00	BI1429	30056	Microbial Horticulture			Own studies	Preparation for exam	20
	Tue 2025-03-18								
	07:00 - 20:00	BI1429	30056	Microbial Horticulture			Own studies	Preparation for exam	20
	Wed 2025-03-19								
	07:00 - 20:00	BI1429	30056	Microbial Horticulture			Own studies	Preparation for exam	20
	Thu 2025-03-20								
	08:15 - 12:00	BI1429	30056	Microbial Horticulture		Anna Karin Rosberg Beatrix Alsanius Maria Karlsson Samar Khalil	Examination	Oral exam, Vegetum group rooms	20

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w12	Thu 2025-03-20								
	13:15 - 17:05	BI1429	30056	Microbial Horticulture		Anna Karin Rosberg Beatrix Alsanius Maria Karlsson Samar Khalil	Examination	Oral exam, Vegetum group rooms	20
w13	Mon 2025-03-24								
	13:15 - 15:00	BI1429	30056	Microbial Horticulture	Östan. Agricum	Anna Karin Rosberg	Evaluation	Final course evaluation	20

Name	Id, Building, City, Seats
Articum 1	M-380106. Articum/Navet. Alnarp. 60
Articum 2	M-380105. Articum/Navet. Alnarp. 60
Articum 3	M-380104. Articum/Navet. Alnarp. 60
Articum 4	M-380122. Articum/Navet. Alnarp. 24
Chemistry room	M-380112. Articum/Navet. Alnarp. 24
Computer room Ladan	M-620130. Alnarpsgården. Alnarp. 22
Name	Id, Building, City, Seats
Computer room Stallet	M-620128. Alnarpsgården. Alnarp. 24
Grodden	M-3204. Agricum. Alnarp. 24
Microscope room	M-380115. Articum/Navet. Alnarp. 24
Västan	M-3303. Agricum. Alnarp. 66
Östan	M-3307. Agricum. Alnarp. 24