

| w18 | Monday 28/4 2025 | Tuesday 29/4 2025                               | Wednesday 30/4 2025 | Thursday 1/5 2025 | Friday 2/5 2025                                                                                                                                  |
|-----|------------------|-------------------------------------------------|---------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 8   |                  |                                                 |                     |                   |                                                                                                                                                  |
| 9   |                  |                                                 |                     |                   | 09:15<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Lecture<br>Course introduction & lecture Detection and identification of microorganisms |
| 10  |                  |                                                 |                     |                   | 12:00                                                                                                                                            |
| 11  |                  |                                                 |                     |                   |                                                                                                                                                  |
| 12  |                  |                                                 |                     |                   |                                                                                                                                                  |
| 13  |                  | 13:00<br>BÖL 3. Biocentre<br>Pre- and post-work |                     |                   | 13:15<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Lecture<br>(Cont.) Detection and identification of microorganisms                       |
| 14  |                  | 15:00                                           |                     |                   | 15:00                                                                                                                                            |
| 15  |                  |                                                 |                     |                   | 15:15<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Start planning pathogen lab. Subculture moulds from mouldy food (for identification)         |
| 16  |                  |                                                 |                     |                   | 16:30                                                                                                                                            |
| 17  |                  |                                                 |                     |                   |                                                                                                                                                  |

| w19 | Monday 5/5 2025                                                                              | Tuesday 6/5 2025                                                                                 | Wednesday 7/5 2025                                                                                                                                                  | Thursday 8/5 2025                                                                                                 | Friday 9/5 2025                                                                                    |
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| 8   | 08:15<br>Lecture hall C216. Biocentre<br>Su-Lin Hedén<br>Lecture<br>Pathogens I              | 08:15<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab                                                 | 08:30<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Final feedback - pathogen protocols, and<br>Introduction to Food production | 08:30<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Mould lab (microscopy, extraction for MALDI-<br>TOF)          | 08:00<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Start media prep                               |
| 9   |                                                                                              | 09:15<br>Su-Lin Hedén<br>Discussion<br>Pathogen II - group discussion                            |                                                                                                                                                                     |                                                                                                                   | 09:15<br>Lecture hall C213. Biocentre<br>Katalin Nemes (Swedish Food Agency)<br>Lecture<br>Viruses |
| 10  | 10:15<br>Planning<br>Plan pathogen lab protocol in groups                                    | 10:30<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Discussion<br>Pathogen II - report back |                                                                                                                                                                     | 10:15<br>Lecture hall C213. Biocentre<br>Åsa Svanström (Swedish Food Agency)<br>Lecture<br>Moulds and mycotoxins  |                                                                                                    |
| 11  | 11:00<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>First feedback - pathogen protocols      |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |
| 12  |                                                                                              |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |
| 13  | 13:15<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Lecture<br>Hurdles and preservation | 13:15<br>Planning<br>Refining Pathogen lab protocols                                             |                                                                                                                                                                     | 13:15<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Mould lab, and practice streaking plates and<br>pouring media | 13:15<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Media prep (continuation)                      |
| 14  |                                                                                              |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |
| 15  |                                                                                              |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |
| 16  |                                                                                              |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |
| 17  |                                                                                              |                                                                                                  |                                                                                                                                                                     |                                                                                                                   |                                                                                                    |

| w20 | Monday 12/5 2025                                                                                             | Tuesday 13/5 2025                                                                                                                        | Wednesday 14/5 2025                                                                         | Thursday 15/5 2025                                                                                                                                 | Friday 16/5 2025                                                                                             |
|-----|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 8   | 08:15<br>Lecture hall C213. Biocentre<br>Helena Höök (Swedish Veterinary Agency)<br>Lecture<br>Campylobacter | 08:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 2                                              | 08:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 3 | 08:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 4, PCR                                                   | 08:15<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 5, wrapping up                        |
| 9   |                                                                                                              |                                                                                                                                          |                                                                                             |                                                                                                                                                    |                                                                                                              |
| 10  | 10:00<br>10:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 1         |                                                                                                                                          |                                                                                             | 10:00<br>10:15<br>Lecture hall C216. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lecture<br>Lactic acid bacteria                               | 10:00<br>10:15<br>Lecture hall A241. Biocentre<br>Jakob Ottoson (Swedish Food Agency)<br>Lecture<br>Water    |
| 11  |                                                                                                              |                                                                                                                                          |                                                                                             |                                                                                                                                                    |                                                                                                              |
| 12  | 12:00                                                                                                        | 12:00                                                                                                                                    | 12:00                                                                                       | 12:00                                                                                                                                              | 12:00                                                                                                        |
| 13  | 13:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 1 (continued)      | 13:15<br>Lecture hall C213. Biocentre<br>Behdad Tarbiat (Swedish Veterinary Agency)<br>Lecture<br>Parasites - pre-recorded plus Live Q&A |                                                                                             | 13:15<br>BÖL 3. Biocentre<br>Ludwig Lundberg<br>Su-Lin Hedén<br>Lab<br>Pathogen lab - Day 4, running gel after PCR<br>and Food production planning | 13:15<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - sign-off on protocols |
| 14  |                                                                                                              |                                                                                                                                          |                                                                                             |                                                                                                                                                    |                                                                                                              |
| 15  | 16:00                                                                                                        | 15:00                                                                                                                                    |                                                                                             | 17:00                                                                                                                                              | 15:00                                                                                                        |
| 16  |                                                                                                              |                                                                                                                                          |                                                                                             |                                                                                                                                                    |                                                                                                              |
| 17  |                                                                                                              |                                                                                                                                          |                                                                                             |                                                                                                                                                    |                                                                                                              |

| w21 | Monday 19/5 2025                                                                                | Tuesday 20/5 2025                                                                                        | Wednesday 21/5 2025                                                                          | Thursday 22/5 2025                                                                                                                                                                        | Friday 23/5 2025                                                                             |
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| 8   |                                                                                                 |                                                                                                          | 08:15<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - Day 2 | 08:00<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - Day 3                                                                                              |                                                                                              |
| 9   | 09:00<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production media prep | 08:30<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - Day 1             |                                                                                              | 09:15<br>Lecture hall C213. Biocentre<br>Jakob Ottoson (Swedish Food Agency)<br>Mandatory<br>Predictive microbiology                                                                      |                                                                                              |
| 10  |                                                                                                 |                                                                                                          | 10:15<br>Lecture hall C213. Biocentre<br>Volkmar Passoth<br>Lecture<br>Yeasts                |                                                                                                                                                                                           | 10:15<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - Day 4 |
| 11  |                                                                                                 |                                                                                                          |                                                                                              |                                                                                                                                                                                           |                                                                                              |
| 12  | 12:00                                                                                           | 12:00                                                                                                    | 12:00                                                                                        | 12:00                                                                                                                                                                                     | 12:00                                                                                        |
| 13  | 13:15<br>Own studies<br>Time to write pathogen report                                           | 13:00<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - Day 1 (continued) |                                                                                              | 13:15<br>Lennart Kennes room. Biocentre<br>Lecture<br>Starter cultures - moved to a different date!<br>Time to write pathogen report / continue with<br>food production lab as necessary. | 13:15<br>Own studies<br>Lecture<br>Time to write pathogen report                             |
| 14  |                                                                                                 |                                                                                                          |                                                                                              |                                                                                                                                                                                           |                                                                                              |
| 15  |                                                                                                 |                                                                                                          |                                                                                              | 15:00                                                                                                                                                                                     |                                                                                              |
| 16  |                                                                                                 |                                                                                                          |                                                                                              |                                                                                                                                                                                           |                                                                                              |
| 17  | 17:00                                                                                           | 17:00                                                                                                    |                                                                                              |                                                                                                                                                                                           | 17:00                                                                                        |

| w22 | Monday 26/5 2025                                                                                                                                                                     | Tuesday 27/5 2025                                                                                                                                                                                     | Wednesday 28/5 2025                                                  | Thursday 29/5 2025 | Friday 30/5 2025 |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------|------------------|
| 8   |                                                                                                                                                                                      | 08:15<br>Own studies<br>Perform peer reviews on two pathogen reports                                                                                                                                  | 08:15<br>Own studies<br>Revise pathogen lab report based on feedback |                    |                  |
| 9   |                                                                                                                                                                                      |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 10  | 09:45<br>Deadline, Upload Pathogen report first draft to Canvas, 10:00<br>10:00<br>BÖL 3. Biocentre<br>Jonas Ohlsson<br>Su-Lin Hedén<br>Lab<br>Food production - final + tidying lab |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 11  | 11:15<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Mandatory                                                                                                                   |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 12  |                                                                                                                                                                                      |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 13  | 13:15<br>Lecture hall C213. Biocentre<br>Su-Lin Hedén<br>Mandatory<br>Spoilage exercise - summarise and report back                                                                  | 13:15<br>Group study room C211D. Biocentre<br>Group study room E202. Biocentre<br>Group study room E203 BioC. Biocentre<br>Discussion<br>Giving and receiving feedback on pathogen reports (optional) |                                                                      |                    |                  |
| 14  |                                                                                                                                                                                      |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 15  | 15:00<br>BÖL 3. Biocentre<br>Su-Lin Hedén<br>Lab<br>Food production - final plus lab tidying                                                                                         | 15:00                                                                                                                                                                                                 | 15:00                                                                |                    |                  |
| 16  |                                                                                                                                                                                      |                                                                                                                                                                                                       |                                                                      |                    |                  |
| 17  |                                                                                                                                                                                      |                                                                                                                                                                                                       |                                                                      |                    |                  |

| w23 | Monday 2/6 2025                                                                                                    | Tuesday 3/6 2025                                                                                                   | Wednesday 4/6 2025                                                                                                                                  | Thursday 5/6 2025                                                                                                                                                                      | Friday 6/6 2025 |
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| 8   | <div>08:30</div> <div>Lecture hall O1. The Teaching Building<br/>Su-Lin Hedén<br/>Examination<br/>Oral exams</div> | <div>08:30</div> <div>Lecture hall O1. The Teaching Building<br/>Su-Lin Hedén<br/>Examination<br/>Oral exams</div> | <div>08:15</div> <div>Own studies<br/>Group work<br/>Work on food production presentation, mould report, final version of Pathogen lab report</div> | <div>08:30</div> <div>Lecture hall C212. Biocentre<br/>Su-Lin Hedén<br/>Presentation<br/>Food production presentations, followed by (optional) course lunch with fermented foods</div> |                 |
| 9   |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 10  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 11  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 12  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 13  | <div>10:00</div> <div>BÖL 3. Biocentre<br/>Pre- and post-work</div>                                                | <div>10:00</div> <div>BÖL 3. Biocentre<br/>Pre- and post-work</div>                                                | <div>12:00</div>                                                                                                                                    | <div>11:00</div>                                                                                                                                                                       |                 |
| 14  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 15  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 16  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
| 17  |                                                                                                                    |                                                                                                                    |                                                                                                                                                     |                                                                                                                                                                                        |                 |
|     |                                                                                                                    | <div>13:15</div> <div>Group work<br/>Work on food production presentations, mould report</div>                     | <div>16:45</div> <div>Deadline, Upload Pathogen lab report final version, 17:00 and</div>                                                           |                                                                                                                                                                                        |                 |