**Schedule, December 10, 2024**

**Food Technology LV0130, 15 Credits, 2025, (January 20, 2025 to March 24, 2025)**

Course leader: Santanu Basu (santanu.basu@slu.se, 0738908878) and Saeid karkhabadi (saeid.karkehabadi@slu.se)

Compulsory parts of the course are marked with a color.

All teaching occasions are in room (BioCenter) unless otherwise stated in the schedule.

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| **Week 4** | **Monday 20/1** | **Tuesday 21/1** | **Wednesday 22/1** | **Thursday 23/1** | **Friday 24/1** |
| 9.15-10.00 |  |  | Lecture: Food properties, quality and principles of food processing(SB)Room C216 |  |  |
| 10.15-11.00 |   | Lecture: Food properties, quality and principles of food processing(SB)Sal K, Undervisninghuset | Lecture: Plant based food and post-harvest processing (SB)Room C212 |  |
| 11.15-12.00 | Welcome and introduction (SB, SK)SB and SKRoom C212 |
|  | L | U | N | C | H |
| 13.15-14.00 | Information about Fact sheet and Student lectures *Creation of subjects for Fact sheet and Student lectures*(SB, SK)Room C212 |  |  | Lecture: Cereal baking  (KN)Room C212 |  |
| 14.15-15.00 |  |  |  |
| 15.15-16.00 |  |  |  |  |
| **Week 5** | **Monday27/1** | **Tuesday28/1** | **Wednesday29/1** | **Thursday30/1** | **Friday31/1** |
| 9.15-10.00 | Introduction to PBLBaking PBL *(Mandatory)*(KN)Zoom | Baking PBL***(Mandatory)***(KN) zoom | Report writing Baking PBL***(Mandatory)***(KN) zoom |  | *Student lecture preparation* |
| 10.15-11.00 | *Invited speaker*Peas and beans for today and tomorrow – farming and foodFredrik Fogelberg*Mandatory*Room C212 |
| 11.15-12.00 |
|  | L | U | N | C | H |
| 13.15-14.00 | Baking PBL***(Mandatory)***(KN) zoom | Baking PBL***(Mandatory)***(KN) zoom | Baking PBL final conclusion***(Mandatory)***(KN)zoom | *Student lecture preparation* | *Student lecture preparation* |
| 14.15-15.00 |  |
| 15.15-16.00 |  |
| **Week 6** | **Monday3/2** | **Tuesday4/2** | **Wednesday5/2** | **Thursday6/2** | **Friday7/2** |
| 9.15-10.00 | Students lecture Group 1, (SB, SK) Room C212 | Lecture:Fermentation technology (VP)Room C216 |  |  |  |
| 10.15-11.00 | Students lecture Group 2, (SB, SK) Room C212 | Lecture :Packaging and other post-processing operations(HH)Room C212 | Fish as food(Kartik Baruah)Room C212 | Study Time |
| 11.15-12.00 | Students lecture Group 3, (SB, SK) Room C212 |
|  | L | U | N | C | H |
| 13.15-14.00 | Students lecture Group 4, (SB, SK) Room C212 |  |  |  | Study Time |
| 14.15-15.00 | Students lecture Group 5, (SB, SK) Room C212 |  |  |  |
| 15.15-16.00 |  |  |  |  |  |

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| **Week 7** | **Monday10/2** | **Tuesday11/2** | **Wednesday12/2** | **Thursday13/2** | **Friday14/2** |
| 9.15-10.00 |  |  |  |  |  |
| 10.15-11.00 | Lecture:Milk composition (MJ) Room C212 | *Home Exercise - preparation*Manufacture ofhomemade dairy products | *Home Exercise - preparation*Manufacture ofhomemade dairy products | ExercisePresentation and evaluation of home made dairy products *Mandatory* (MJ)Room C212 | *Submission of the recipes of Homemade products* *(Canvas, latest 5PM)* |
| 11.15-12.00 | Manufacture of home-made dairy products*Mandatory*Introduction(MJ)Room C212 |
|  | L | U | N | C | H |
| 13.15-14.00 | *Exercise - preparation*Manufacture ofhomemade dairy products | *Home Exercise - preparation*Manufacture ofhomemade dairy products | *Home Exercise - preparation*Manufacture ofhomemade dairy products |  |  |
| 14.15-15.00 |
| 15.15-16.00 |

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| **Week 8** | **Monday17/2** | **Tuesday18/2** | **Wednesday19/2** | **Thursday20/2** | **Friday21/2** |
| 9.15-10.00 |  |  |  |  |  |
| 10.15-11.00 | Cereals (SB)Room C212 | Meat and meat quality (OK)Room C216 | Plant and Animal Proteins and Extruded products (SK)Room C212 | Lecture: Milk processing (SB)Room C212 | Study Time |
| 11.15-12.00 |
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| 13.15-14.00 | Cereals (SB)Room C212 |  |  |  |
| 14.15-15.00 | Potato (SB)Room C212 |  |  |  |
| 15.15-16.00 |  |  |  |  |

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| **Week 9** | **Monday24/2** | **Tuesday25/2** | **Wednesday26/2** | **Thursday27/2** | **Friday28/2** |
| 9.15-10.00 | Oils and fats (HH) Room C212 | Study time | Milk protein (SK)Room C212 | Study time | Study time |
| 10.15-11.00 |
| 11.15-12.00 | Milk fat (HH)Room C212 | Egg and egg quality(SK)Room C212 |
|  | L | U | N | C | H |
| 13.15-14.00 |  |  |  |  |  |
| 14.15-15.00 |  |  |
| 15.15-16.00 |  |  |  |

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| **Week 10** | **Monday3/3** | **Tuesday4/3** | **Wednesday5/3** | **Thursday6/3** | **Friday7/3** |
| 9.15-10.00 |  |  |  | Factsheet preparation | Factsheet preparation |
| 10.15-11.00 | Swedish milk system (Hasitha Priyashantha, LRF)Room C212 |  | Food processing in Global South(Siddhartha Singha, IIT Guwahati, India) Zoom |
| 11.15-12.00 | Insect as food (Åsa Berggren)Room C212 | Food in space (Tor Blomqvist, DLR)Zoom |
|  | L | U | N | C | H |
| 13.15-14.00 |  |  |  | Factsheet preparation | Factsheet preparation |
| 14.15-15.00 |  |  |  |
| 15.15-16.00 |  |  |  |

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| **Week 11** | **Monday10/3** | **Tuesday11/3** | **Wednesday12/3** | **Thursday13/3** | **Friday14/3** |
| 9.15-10.00 |  |  | Factsheet corrections and preparation time | Factsheet presentation Group 1Room C212 | Study time |
| 10.15-11.00 | Factsheet preparation | Corrected Factsheet needs to be sent to the presenting group latest at 3 PM  | Factsheet presentation Group 2 |
| 11.15-12.00 | Factsheet presentation Group 3 |
|  | L | U | N | C | H |
| 13.15-14.00 |  |  | Factsheet corrections and preparation time | Factsheet presentation Group 4Room C212 | Study time |
| 14.15-15.00 |  |  | Factsheet presentation Group 5 |
| 15.15-16.00 |  |  | Class meeting (SB, SK)Room C212 |

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| **Week 12** | **Monday17/3** | **Tuesday18/3** | **Wednesday19/3** | **Thursday20/3** | **Friday21/3** |
| 9.15-10.00 | Study time | Study time | Study time | Study time | ExaminationRoom to be announced in TimeEdit |
| 10.15-11.00 |
| 11.15-12.00 |
|  | L | U | N |
| 13.15-14.00 | Study time | Study time | Study time |
| 14.15-15.00 |
| 15.15-16.00 |

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| **Week 13** | **Monday24/3** | **Tuesday25/3** | **Wednesday****26/3** | **Thursday** | **Friday** |
| 9.15-10.00 |  |  |  |  |  |
| 10.15-11.00 |  |  |  |  |
| 11.15-12.00 |  |  |  |  |
|  | L | U | N | C | H |
| 13.15-14.00 | Final revisions of Factsheets + written submission at 4 PM(SB, SK)Room C212 |  |  |  |  |
| 14.15-15.00 |  |  |  |  |
| 15.15-16.00 |  |  |  |  |

**Teachers**

HH-Henrik Hansson, henrik.hansson@slu.se

KN-Klara Nilsson, klara.nilsson@slu.se

MJ-Monika Johansson, Monika.Johansson@slu.se

OK-Oksana Kravchenko, oksana.kravchenko@slu.se

SB - Santanu Basu, santanu.basu@slu.se

SK - Saeid Karkehabadi, saeid.karkehabadi@slu.se

VP-Volkmar Passoth, Volkmar.Passoth@slu.se

Invited Teachers: Finalized (Åsa Berggren, Fredrik Fogelberg, Hasitha Priyashantha, Kartik Baruah, Siddhatha Singha, Tor Blomqvist)