**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](mailto: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 SK Room 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** | **Monday 27/1** | **Tuesday 28/1** | **Wednesday 29/1** | **Thursday 30/1** | **Friday 31/1** |
| 9.15-10.00 | Introduction to PBL  Baking 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 food  Fredrik 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** | **Monday 3/2** | **Tuesday 4/2** | **Wednesday 5/2** | **Thursday 6/2** | **Friday 7/2** |
| 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** | **Monday 10/2** | **Tuesday 11/2** | **Wednesday 12/2** | **Thursday 13/2** | **Friday 14/2** |
| 9.15-10.00 |  |  |  |  |  |
| 10.15-11.00 | Lecture: Milk composition  (MJ)  Room C212 | *Home Exercise - preparation*  Manufacture of  homemade dairy products | *Home Exercise - preparation*  Manufacture of  homemade dairy products | Exercise  Presentation 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 of  homemade dairy products | *Home Exercise - preparation*  Manufacture of  homemade dairy products | *Home Exercise - preparation*  Manufacture of  homemade dairy products |  |  |
| 14.15-15.00 |
| 15.15-16.00 |

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| **Week 8** | **Monday 17/2** | **Tuesday 18/2** | **Wednesday 19/2** | **Thursday 20/2** | **Friday 21/2** |
| 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** | **Monday 24/2** | **Tuesday 25/2** | **Wednesday 26/2** | **Thursday 27/2** | **Friday 28/2** |
| 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** | **Monday 3/3** | **Tuesday 4/3** | **Wednesday 5/3** | **Thursday 6/3** | **Friday 7/3** |
| 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** | **Monday 10/3** | **Tuesday 11/3** | **Wednesday 12/3** | **Thursday 13/3** | **Friday 14/3** |
| 9.15-10.00 |  |  | Factsheet corrections and preparation time | Factsheet presentation Group 1  Room 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 4  Room 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** | **Monday 17/3** | **Tuesday 18/3** | **Wednesday 19/3** | **Thursday 20/3** | **Friday 21/3** |
| 9.15-10.00 | Study time | Study time | Study time | Study time | Examination  Room 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** | **Monday 24/3** | **Tuesday 25/3** | **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](mailto:henrik.hansson@slu.se)

KN-Klara Nilsson, [klara.nilsson@slu.se](mailto:klara.nilsson@slu.se)

MJ-Monika Johansson, [Monika.Johansson@slu.se](mailto:Monika.Johansson@slu.se)

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

SB - Santanu Basu, [santanu.basu@slu.se](mailto:santanu.basu@slu.se)

SK - Saeid Karkehabadi, [saeid.karkehabadi@slu.se](mailto:saeid.karkehabadi@slu.se)

VP-Volkmar Passoth, [Volkmar.Passoth@slu.se](mailto:Volkmar.Passoth@slu.se)

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