

Preliminary schedule

Plant Food Science LV0113, 15 HEC, Advanced D-level, 2022 (application code SLU-30179)

Course leader: Roger Andersson (roger.andersson@slu.se, 018-671597) and Santanu Basu (santanu.basu@slu.se, 018-672070)

Compulsory parts of the course are marked with a pink shade.

Call over zoom link: <https://slu-se.zoom.us/j/62348458776> (Passcode 417226)

Week 3	Monday 17/1	Tuesday 18/1	Wednesday 19/1	Thursday 20/1	Friday 21/1
9.15-10.00					
10.15-11.00	Call Over RA and SB Zoom	Lecture: Whole grain and fractions RA C212	Lecture: Starch RA C212	Lecture: Starch RA C212	Lecture: Dietary fibre RA C212
11.15-12.00	Lecture: Whole grain concept RA Zoom				
	L	U	N	C	H
13.15-14.00	Lecture: Whole grain concept RA Zoom			Project start RA, SB C212	
14.15-15.00					
15.15-16.00					

Week 4	Monday 24/1	Tuesday 25/1	Wednesday 26/1	Thursday 27/1	Friday 28/1
9.15-10.00					
10.15-11.00		Lecture: Dietary fibre RA C212	Lecture: Grain quality RA C212	Student lecture 1: Rice	Student lecture 2: Maize
11.15-12.00				Lecture: Dry fractionation RA C212	Lecture: Dry fractionation RA C212
	L	U	N	C	H
13.15-14.00	Lecture: Dietary fibre RA C212				
14.15-15.00					
15.15-16.00					

Week 5	Monday 31/1	Tuesday 1/2	Wednesday 2/2	Thursday 3/2	Friday 4/2
9.15-10.00	Abstract Discussion Lab group 1, RA Biocenter A402				
10.15-11.00	Abstract Discussion Lab group 2, RA Biocenter A402	Lecture: Pulses SB C212	Student lecture 3 Barley C212		Theme Quiz, answers and discussion: Whole grain RA, SB C212
11.15-12.00	Abstract Discussion Lab group 3, RA Biocenter A402		Lecture: Grain Storage SB C212		
	L	U	N	C	H
13.15-14.00	Abstract Discussion Lab group 4, RA Biocenter A402				Theme Quiz, answers and discussion: Whole grain RA, SB C212
14.15-15.00	Abstract Discussion Lab group 5, RA Biocenter A402				
15.15-16.00					

Week 6	Monday 7/2	Tuesday 8/2	Wednesday 9/2	Thursday 10/2	Friday 11/2	
9.15-10.00	<p>Laboratory: Baking / RVA, Groups 1 / 2 AA / RA Biocenter</p>	<p>Laboratory: Baking / RVA, Groups 2 / 1 AA / RA Biocenter</p>	<p>Laboratory: Baking / RVA, Groups 3 / 4 AA / RA Biocenter</p>			
10.15-11.00					<p>Student lecture 4: Gluten free Bread C212</p>	
11.15-12.00					<p>Lecture: Baking RA C212</p>	<p>Lecture: Glass transitions and Staling SB C212</p>
13.15-14.00						
14.15-15.00						
15.15-16.00						

Week 7	Monday 14/2	Tuesday 15/2	Wednesday 16/2	Thursday 17/2	Friday 18/2		
9.15-10.00	<p>Laboratory: Baking / RVA, Groups 4 / 5 AA / RA Biocenter</p>	<p>Laboratory: Baking / RVA, Groups 4 / 5 AA / RA Biocenter</p>					
10.15-11.00					Student lecture 5: Millets C212		
11.15-12.00					Lecture: Baking RA C212	Lecture: Frozen dough and Potato SB C212	Lecture: Baking RA C212
					LUNCH	LUNCH	LUNCH
13.15-14.00							
14.15-15.00							
15.15-16.00							

Week 8	Monday 21/2	Tuesday 22/2	Wednesday 23/2	Thursday 24/2	Friday 25/2
9.15-10.00					
10.15-11.00	Theme Quiz, answers and discussion: Baking RA, AA, SB C212	Lecture: Food processing SB C212	Student lecture 6: Blanching and heat sterilization C212	Lecture: Processing: Drying and freezing SB C212	Student lecture 7: New plant foods C212
11.15-12.00			Lecture: Processing SB C212		Lecture: Processing: Food waste SB C212
	L	U	N	C	H
13.15-14.00	Theme Quiz, answers and discussion: Baking RA, AA, SB C212				
14.15-15.00					
15.15-16.00					

Week 9	Monday 28/2	Tuesday 1/3	Wednesday 2/3	Thursday 3/3	Friday 4/3
9.15-10.00					
10.15-11.00		Lecture: Food extrusion SB C212	Student lecture 8: Cold chain storage and transportation C212	Lecture: Food dispersions RA C212	Lecture: Novel food processing SB C212
11.15-12.00			Lecture: Processing SB C212		
	L	U	N	C	H
13.15-14.00	Lecture: Processing SB C212				
14.15-15.00					
15.15-16.00					

Week 10	Monday 7/3	Tuesday 8/3	Wednesday 9/3	Thursday 10/3	Friday 11/3
9.15-10.00	Abstract Discussion Lab group 5, RA Biocenter A402				
10.15-11.00	Abstract Discussion Lab group 4, RA Biocenter A402	Lecture: Processing C212	Guest lecture: C212	Guest Lecture: C212	Guest lecture: C212
11.15-12.00	Abstract Discussion Lab group 3, RA Biocenter A402				
	L	U	N	C	H
13.15-14.00	Abstract Discussion Lab group 2, RA Biocenter A402				
14.15-15.00	Abstract Discussion Lab group 1, RA Biocenter A402				
15.15-16.00					

Week 11	Monday 14/3	Tuesday 15/3	Wednesday 16/3	Thursday 17/3	Friday 18/3
9.15-10.00					Examination Tentamenssal 1 8.00-12.00
10.15-11.00	Theme Quiz, answers and discussion: Processing SB C212		Time to ask questions and discuss all course topics RA, SB C212		
11.15-12.00					
	L	U	N	C	H
13.15-14.00	Theme Quiz, answers and discussion: Processing SB C212		Time to ask questions and discuss all course topics RA, SB C212		
14.15-15.00					
15.15-16.00					

Week 12	Monday 21/3	Tuesday 22/3	Wednesday 23/3	Thursday	Friday
9.15-10.00	Project work Biocenter A402		Project work presentations C212		
10.15-11.00					
11.15-12.00					
13.15-14.00			Project work presentations C212		
14.15-15.00					
15.15-16.00					

Teachers

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SB Santanu Basu santanu.basu@slu.se , 018-672070

Guests