

## Schedule for the course Production and quality evaluation of forages BI1327 25/3 to 5/6 2025

2025-03-02

Nilla Nilsdotter-Linde

Blue = Together with HV0166 - Feed Science and Forage Production. **Compulsory items are marked with bold italic text**

Month	Day	Date	Hour	Place	Content	Lecturer / responsible	
<b>Introduction and The ley crop, CS</b>							
March	Tuesday	25	08.15-09.00	Course Lab, EcoC	<b>Introduction, registration, roll-call, study advice</b>	Nilla Nilsdotter-Linde	
			09.15-10.00	Tamm room, EcoC	<b>Introduction, roll-call</b>	Nilla Nilsdotter-Linde & Horacio	
			10.15-12.00	Tamm room, EcoC	Lecture: Introduction – ruminant metabolism and feed analyses	Horacio Gonda	
			13.15-17.00	Tamm room, EcoC	Lecture: Plant species utilised and their characteristics	Nilla Nilsdotter-Linde	
					<b>Multiple choice test (MCT) 1 – Crop Science – opens in Canvas</b>	<b>Open 25 March–7 April</b>	
March	Wednesday	26	08.15-09.00	Tamm room, EcoC	<b>Scientific writing – introduction</b>	Nilla Nilsdotter-Linde	
			09.15-10.00	Tamm room, EcoC	<b>Introduction to group assignment 1: Formulating seed mixtures. Work with group assignment 1</b>	Nilla Nilsdotter-Linde	
			10.15-12.00	Tamm room, EcoC	Lecture: Crop production and quality dynamics	Anne-Maj Gustavsson	
					Individual study		
March	Thursday	27	09.15-11.00	Loftets Hörsal, Ladugården	Lecture: Combining forage species in a seeding mixture	Nilla Nilsdotter-Linde	
			11.15-12.00	Loftets Hörsal, Ladugården	Lecture: Harvest strategy in a ley	Magnus Halling	
			13.15-17.00	Room 08, 09 - VHC-5, Room 13, 14, 15, 16, 17 - VHC-4	<b>Work with group assignment 1 + reading MCT 1</b>	Nilla Nilsdotter-Linde	
March	Friday	28	10.15-12.00	Lennart Kenne's Room, BioC	Lecture: Ley fertilisation	Pernilla Kvarmo (Zoom)	
			13.15-17.00	Room 08, 09 - VHC-5, Room 13, 14, 15, 16, 17 - VHC-4	<b>Work with group assignment 1 + reading MCT 1</b>	Nilla Nilsdotter-Linde	
March	Monday	31	09.15-12.00	Framtiden, MVM	Lecture: Silage making	Rolf Spörndly	
			13.15-17.00	Room 08, 09, 10 - VHC-5, Room 13, 14, 15, 16 - VHC-4	<b>Work with group assignment 1 + reading MCT 1</b>		
					<b>Scientific writing – subject to Nilla (deadline)</b>		
April	Tuesday	1	08.15-10.00	Dvalin, VHC	Lecture: Maize as a forage crop, Swedish experiences	Magnus Halling	
			10:00-12:00	Room 08, 09, 10 - VHC-5, Room 13, 14, 15, 16 - VHC-4	<b>Work with group assignment 1 + reading MCT 1</b>		
			<b>17.00</b>		<b>Group assignment 1 – formulation seeding mixtures – deadline for reporting on Canvas</b>		
<b>Conservation, C</b>						<b>MCT 2 – Conservation – opens in Canvas</b>	<b>Open 1–10 April</b>
April	Wednesday	2	09.15-10.00	Lennart Kenne's Room, BioC	Lecture: Nutrient balances on livestock farms	Eva Salomon	
			10.15-12.00	Lennart Kenne's Room, BioC	Lecture: Organic manure	Eva Salomon	
					Individual study		

April	Thursday	3	10.15-12.00	Lennart Kenne's Room, BioC	Lecture: Silage quality	Rolf Spörndly
			13.15-15.00	Särimner, VHC	Lecture: Malfermentations	Rolf Spörndly
			15.15-17.00	Room 09, 10 - VHC-5, Room 13, 14, 15, 16, 17 - VHC-4	<b>Group assignment 1 – formulation seeding mixtures – prepare the oral presentation</b>	
April	Friday	4	09.15-12.00	Särimner, VHC	<b>Report of Group assignment 1</b>	Nilla Nilsdotter-Linde & Magnus Halling
April	Monday	7	08.15-17.00		Individual study – preparing for Group discussion A (study questions & literature) <i>Scientific writing – plan with outline and relevant literature to Nilla (deadline)</i> <b>MCT 1 closes at midnight</b>	
April	Tuesday	8	08.15-17.00		Individual study – preparing for Group discussion A (study questions & literature)	
April	Wednesday	9	08.15-17.00		Individual study – preparing for Group discussion A (study questions & literature)	
April	Thursday	10	09.15-12.00	F, EcoC	<b>Group discussion Aa – The ley crop – nitrogen and grass production, ley in the cropping system</b>	Martin Weih & Göran Bergkvist
			13.15-17.00		Individual study – preparing for Group discussion B (study questions & literature) <b>MCT 2 closes at midnight</b>	
April	Friday	11	08.00-17.00		Individual study – preparing for Group discussion B (study questions & literature)	
					<b>Multiple choice test (MCT) 3 – Animal Science + 4 – Grazing – open in Canvas</b>	<b>Open 11 April–20 May</b>
<b>Forage as an animal feed and quality evaluation, AS</b>						
April	Monday	14	08.15-17.00		Individual study – preparing for Group discussion B (study questions & literature)	
April	Tuesday	15	08.15-17.00		Individual study – preparing for Group discussion B (study questions & literature)	
April	Wednesday	16	09.15-11.45	F, EcoC	<b>Group discussion B – Ruminant forage digestion, forage to ruminants, quality evaluation</b>	Horacio Gonda
			11.45-12.00	F, EcoC	<b>Introduction to group assignment 2; Forage for cattle – effect of harvest date</b>	Horacio Gonda
					Individual study	
April	Thursday	17	09.15-11.00	F, EcoC	<b>Group discussion Ab – The ley crop – sward establishment techniques, weeds, overwintering</b>	Magnus Halling
			13.15-15.00	Field trip, Säby	<b>Overwintering of leys – field tour</b>	Magnus Halling

April	Friday	18			<b>Good Friday</b>	
<b>The week after Easter is free from lessons (Scientific writing and individual studies on MCT 2) 22-25 April</b>						
April	Monday	28			Individual study	
April	Tuesday	29			Individual study	
April	Wednesday	30			<b>Free</b>	
May	Thursday	1			<b>Free</b>	
May	Friday	2	08.15-17.00		Individual study – preparing for Group discussion C (study questions & literature)	
May	Monday	5	<b>12.00</b>		<b>Scientific writing – final submission (deadline)</b>	
			13.15-16.00	Room 04, 05, 06, 07 - VHC-5	<b>Group work with Group assignment 2</b>	
<b>Grazing, GM</b>						
May	Tuesday	6	09.15-12.00	Room O2, U-house	Lecture: Interpretation of feed analyses incl. assignment	Torsten Eriksson
			13.15-15.00	Room S, Ulls Hus	Lecture: Grazing for future	Rebecca Danielsson
			15.15-16.00	Room R, Ulls Hus	Course evaluation	Nilla Nilsson-Linde
May	Wednesday	7	09.15-11.00	Room Y, Ulls Hus	<b>Report of Group assignment 2</b>	Horacio Gonda
					Individual study	
May	Thursday	8	08.15-17.00		Individual study – preparing for Group discussion C (study questions & literature)	
May	Friday	9	08.15-17.00		Individual study – preparing for Group discussion C (study questions & literature)	
May	Monday	12	08.15-17.00		Individual study – preparing for Group discussion C (study questions & literature)	
May	Tuesday	13	09.15-12.00	Course Lab, EcoC	<b>Group discussion C – Grazing – management of pastures, parasites, grazing systems, intake, substitution rate, nutrient content, selection, effect on breed, semi-natural grasslands and biodiversity aspects</b>	Rebecca Danielsson
			13.15-15.00	Room K, U-House	Lecture: Forage for horses	Cecilia Müller
					<b>Scientific writing – response and grade from supervisor</b>	
May	Wednesday	14	08.15-10.00	Room 08, 09, 10 - VHC-5, Room 13, 14, 15, 16 - VHC-4	Preparation for the farm visit Brunsbergs Foder och Strö (horses)	
			10.15-12.00	Room N, U-House	Lecture: Botanical composition – why and how?	David Parsons
					Individual study	
May	Thursday	15	08.30-10.00	Lövsta	<b>Exercise on forage quality – Group A</b>	Rolf Spörndly
			10.30-12.00	Lövsta	<b>Exercise on forage quality – Group B</b>	Rolf Spörndly
			13.15-15.00	Room V, Ulls Hus	<b>Discussion on silage making and big bale silage</b>	Rolf Spörndly
May	Friday	16	09.15-12.00	F, EcoC	Lecture: Machinery and economy of forage production incl. organic production	Rolf Spörndly
					Individual study	

May	Monday	19			Individual study	
<b>Species and mixtures in practice, CS</b>						
May	Tuesday	20	13.15-17.00	Demo area	<i>Field exercises: Species characteristics</i> (not mandatory for Plant & Soil students)	Nilla Nilsson-Linde, Sigrun Dahlin
					<i>MCT 3 + 4 close at midnight</i>	
					<i>Scientific writing – corrected version to Nilla</i>	
May	Wednesday	21	08.15-12.00	Farm	<i>Farm visit Brunsbergs Foder och Strö (horses)</i>	Cecilia Müller
					Individual study	
May	Thursday	22			Individual study	
					<i>Scientific writing – scientific papers available for all</i>	
May	Friday	23	09.15-12.00	Demo area	<i>Species characteristics – test</i> (not mandatory for Plant & Soil students)	Nilla Nilsson-Linde, Sigrun Dahlin
					Individual study	
May	Monday	26	08.00-12.00	Study visit	<i>Farm visit Östanå Farm – milk production</i>	Henrik Johansson, Nilla Nilsson-Linde & Horacio Gonda
			13.15-17.00	Field trip	<i>Field visit: Semi-natural grasslands – Krusenbergs</i>	Anders Glimskär, Nilla Nilsson-Linde, Anna Hessle & Rebecca Danielsson
May	Tuesday	27	08.15-11.00	Room Q, Ulls Hus	<i>Scientific writing – oral presentation, opposition and discussion</i>	Nilla Nilsson-Linde
			11.15-12.00	Room Q, Ulls Hus	Course evaluation – oral & written	Nilla Nilsson-Linde
			13.15-14.00	Room Q, Ulls Hus	Time for questions (individual study)	Nilla Nilsson-Linde, Horacio Gonda
May	Wednesday	28			Individual study	
<b>May</b>	<b>Thursday</b>	<b>29</b>			<b>Ascension Day</b>	
<b>May</b>	<b>Friday</b>	<b>30</b>			<b>Free</b>	
June	Monday	2			Individual study	
June	Tuesday	3			Individual study	
June	Wednesday	4	08.00-12.00	Ultuna Campus	<b>Final examination</b>	
June	Thursday	5				
August	Friday	29	08.00-12.00	Ultuna Campus	Time to redo the written Final examination	

**Compulsory items are marked with bold italic text**

EcoC = Ecology Building

BioC = BioCenter

U-house = The Teacher Building

VHC = the Centre for Veterinary Medicine and Animal Science

Ulls Hus = Ulls House

MVM = MVM Building

CS = Crop Science

C = Conservation

AS = Animal Science and Quality Evaluation

GM = Grazing Management