



**UNIVERSITAS SUMATRA UTARA (USU)
FACULTY OF AGRICULTURE
ANIMAL SCIENCE STUDY PROGRAM**

**Document
Code**

SEMESTER LEARNING PLAN

COURSE (Course)	CODE	MK Group	WEIGHT (credits)		SEMESTER	Date of Compilation
THESIS	PTN 4299	Exact	Theory =2	Practice =2	VIII(EIGHT)	October 23, 2024
AUTHORIZATION / APPROVAL	RPS Developer Lecturer		Vice Dean I		Chairman of LINK-UP USU	
			Dr. Lisnawita, SP, MP		Prof. Dr. Dwi Suryanto M.Sc.	
Learning Outcomes	LO-PRODI Charged to Course learning					
	LO01	Able to apply logical, critical, systematic and innovative thinking through the approach and implementation of animal husbandry science and technology by applying the STAR character.				
	LO03	Able to identify, formulate, and find solutions to problems related to the livestock sector				
	LO04	Able to interpret data, apply various methods and experiments and draw conclusions in the field of animal science.				
	LO05	Able to search for and compare literature based on current data and information as a basis for assessment in the field of animal science.				
	LO06	Conduct supervision and evaluation of the completion of assigned work and be able to manage lifelong learning independently				
	LO07	Able to disseminate knowledge and application of the latest TALENT-based technology in the field of animal husbandry				
	LO13	Understanding the concept of identification, security with a multidisciplinary approach in the field of animal husbandry science				
	LO14	Able to communicate effectively both verbally and in writing to the public while respecting cultural diversity, views and opinions nationally and globally.				

Course Learning Outcomes (CLO)		CLO Weight						
CLO0128:Able to apply logical, critical and systematic thinking in completing final assignments		5.56						
CLO0346:Able to identify problems related to the livestock sector		5.56						
CLO0406:Able to interpret data by applying various methods and experiments related to the field of animal science.		8.33						
CLO0507:Able to search for data-based literature and the latest information related to the field of animal science		19.44						
CLO0640:Able to manage scientific activity planning related to the livestock sector		16.67						
CLO0713:Able to carry out scientific experiments related to the field of animal husbandry		16.67						
CLO1325:Able to interpret scientific data in writing related to the field of animal science in accordance with environmentally conscious ethics.		13.89						
CLO1419: Able to present scientific data effectively orally related to the field of Animal Science		13.89						
Final Ability of Each Learning Stage (Sub-CLO)								
Sub-CLO1	Students can understand the basic concepts of research and prepare quality research proposals.							
Sub-CLO2	Students can carry out research in accordance with the proposal that has been prepared.							
Sub-CLO3	Students can process research data well							
Sub-CLO4	Students can interpret data in research discussions							
Sub-CLO5	Students can present research results in research results seminars.							
Sub-CLO6	Students can publish research results in national or international scientific journals.							
Sub-CLO7	Students can be held responsible for their thesis in the thesis defense							
Correlation of CLO with Sub-CLO		Sub-CLO 1	Sub-CLO 2	Sub-CLO 3	Sub-CLO 4	Sub-CLO 5	Sub-CLO 6	Sub-CLO 7
	CLO 0128	√	√					
	CLO 0346	√	√					
	CLO 0406	√	√	√				

	CLO 0507	√	√	√	√	√	√	√
	CLO 0640		√	√	√	√	√	√
	CLO 0713		√	√	√	√	√	√
	CLO 1325			√	√	√	√	√
	CLO 1419			√	√	√	√	√
Brief Description of Course	After completing the THESIS course, students in semester VIII, Animal Husbandry Study Program, Faculty of Agriculture, University of North Sumatra have been declared to have graduated and hold the title of S.Pt.							
Study Material: Learning materials	BK 06. Literacy, Communication, Dissemination of National and Global Scope BK 07. Application and Development of Animal Science and Technology <ol style="list-style-type: none"> 1. Basic concepts and compiling research proposals 2. Conducting research 3. Processing research data 4. Interpreting data in discussion 5. Presenting research results 6. Publishing a journal 7. Thesis Defence 							
Library	Main: <ol style="list-style-type: none"> 1. Guidelines for Animal Husbandry Study Program Thesis, Faculty of Agriculture, University of North Sumatra 							
	Supporters: <ol style="list-style-type: none"> 1. Journals and publications 							
Supporting lecturer								
Required Courses	-							

Week 2-	Final ability of each learning stage (Sub-CLO)	Evaluation		Form of Learning; Learning methods; Student Assignments; [Estimated Time]		Study Materials (Learning materials)	Assessment Weight (%)
		Indicator	Criteria and Techniques	Asynchronous (5)	Synchronous (6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Sub-CLO1: Students can understand the basic concepts of research and prepare quality research proposals.	Accuracy in explaining basic research concepts, such as: Definition of research, Types of research, Components of research reports, Research variables, Research hypotheses	Criteria: - Technique: Non-Test	KM+PT (1 week x 2 credits x 120 minutes) Activity: 1. Attendance absence 2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course Agreement, and Learning Materials. Learning methods: <i>Self-Paced Learning</i> Mode (Learning Management System): elarning@usu.ac.id	TM (1 week x 2 credits x 50 minutes) Activity: 1. <i>Offline Learning</i> 2. <i>Class Discussion</i> 3. <i>Note Taking</i> Media: 1. <i>Power Point Presentation</i> 2. <i>Text Book</i> Learning methods: 1. <i>Lecturer</i> 2. <i>Discussion</i> 3. <i>Self-Paced</i>	Subject: 1. Basic concepts of research	15%
2	Sub-CLO 2: Students can carry out research in accordance with the proposal that has been prepared.	Accuracy in carrying out research in accordance with the proposal that has been prepared	Criteria: Assessment rubric. Technique: Non-Test	KM+PT (1 week x 2 credits x 120 minutes) Activity: 1. Attendance absence 2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course	TM (1 week x 2 credits x 50 minutes) Activity: 1. <i>Offline Learning</i> 2. <i>Class Discussion</i> 3. <i>Note Taking</i> Media: 1. <i>Power Point Presentation</i>	Subject: 1. Implementation of research	10%

				Agreement, and Learning Materials. 3. Responding to the opening question Mode (Learning Management System): elarning@usu.ac.id	2. <i>Text Book</i> Learning methods: 1. <i>Lecturer</i> 2. <i>Discussion</i> 3. <i>Self-Paced</i>		
3	Sub-CLO 3: Students can process research data well	Accuracy in process research data properly	Criteria: Assessment rubric. Technique: <i>Test:</i> 1. <i>Case method</i>	KM+PT (1 week x 2 credits x 120 minutes) Activity: 1. Attendance absence 2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course Agreement, and Learning Materials. 3. Responding to the opening question Mode (Learning Management System): elarning@usu.ac.id	TM (1 week x 2 credits x 50 minutes) Activity: 1. <i>Offline Learning</i> 2. <i>Class Discussion</i> 3. <i>Note Taking</i> Media: 1. <i>Power Point Presentation</i> 2. <i>Text Book</i> Learning methods: 1. <i>Lecturer</i> 2. <i>Discussion</i> 3. <i>Self-Paced</i>	Subject: 1. Data processing	10%
4	Sub-CLO 4: Students can interpret data in research discussions	Accuracy in interpreting data in research discussions	Criteria: Assessment rubric. Technique: <i>Test:</i> 1. <i>Quiz</i>	KM+PT (1 week x 2 credits x 120 minutes) Activity: 1. Attendance absence 2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course	TM (1 week x 2 credits x 50 minutes) Activity: 1. <i>Offline Learning</i> 2. <i>Class Discussion</i> 3. <i>Note Taking</i> Media:	Subject: 1. interpreting data in research discussions	10%

				<p>Agreement, and Learning Materials.</p> <p>3. Responding to the opening question</p> <p>Mode (Learning Management System): elearning@usu.ac.id</p>	<p>1. Power Point Presentation</p> <p>2. Text Book</p> <p>Learning methods:</p> <p>1. Lecturer</p> <p>2. Discussion</p> <p>3. Self-Paced</p>		
5	<p>Sub-CLO 5:</p> <p>Students can present research results in research results seminars.</p>	<p>Accuracy in presenting research results in research results seminars</p>	<p>Criteria:</p> <p>Assessment rubric.</p> <p>Technique:</p> <p>Test:</p> <p>1. Case method</p>	<p>KM+PT (1 week x 2 credits x 120 minutes)</p> <p>Activity:</p> <p>1. Attendance absence</p> <p>2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course Agreement, and Learning Materials.</p> <p>3. Responding to the opening question</p> <p>Mode (Learning Management System): elearning@usu.ac.id</p>	<p>TM (1 week x 2 credits x 50 minutes)</p> <p>Activity:</p> <p>1. Offline Learning</p> <p>2. Class Discussion</p> <p>3. Note Taking</p> <p>Media:</p> <p>1. Power Point Presentation</p> <p>2. Text Book</p> <p>Learning methods:</p> <p>1. Lecturer</p> <p>2. Discussion</p> <p>3. Self-Paced</p>	<p>Subject:</p> <p>1. presenting research results in research results seminars</p>	15%
6	<p>Sub-CLO 6:</p> <p>Students can publish research results in national or international scientific journals.</p>	<p>Accuracy in publishing research results in national or international scientific journals</p>	<p>Criteria:</p> <p>Assessment rubric.</p> <p>Technique:</p> <p>Test:</p> <p>1. Case method</p>	<p>KM+PT (1 week x 2 credits x 120 minutes)</p> <p>Activity:</p> <p>4. Attendance absence</p> <p>5. Download and read the Syllabus (RPS), Learning</p>	<p>TM (1 week x 2 credits x 50 minutes)</p> <p>Activity:</p> <p>4. Offline Learning</p> <p>5. Class Discussion</p> <p>6. Note Taking</p>	<p>Subject:</p> <p>publish research results in national or international scientific journals</p>	10%

				<p>Implementation Plan (SAP), Course Agreement, and Learning Materials.</p> <p>6. Responding to the opening question</p> <p>Mode (Learning Management System): elearning@usu.ac.id</p>	<p>Media:</p> <p>3. Power Point Presentation</p> <p>4. Text Book</p> <p>Learning methods:</p> <p>4. Lecturer</p> <p>5. Discussion</p> <p>Self-Paced</p>		
7	<p>Sub-CLO 7: Students can be held responsible for their thesis in the thesis defense</p>	<p>Accuracy in be responsible for the thesis in the thesis defense</p>	<p>Criteria: Assessment rubric.</p> <p>Technique: Non-Test:</p>	<p>KM+PT (1 week x 2 credits x 120 minutes)</p> <p>Activity:</p> <p>1. Attendance absence</p> <p>2. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course Agreement, and Learning Materials.</p> <p>3. Responding to the opening question</p> <p>Mode (Learning Management System): elearning@usu.ac.id</p>	<p>TM (1 week x 2 credits x 50 minutes)</p> <p>Activity:</p> <p>1. Offline Learning</p> <p>2. Class Discussion</p> <p>3. Note Taking</p> <p>Media:</p> <p>1. Power Point Presentation</p> <p>2. Text Book</p> <p>Learning methods:</p> <p>1. Lecturer</p> <p>2. Discussion</p> <p>3. Self-Paced</p>	<p>Subject: be responsible for the thesis in the thesis defense</p>	30%
Total							100%

Essay Exam Assessment Rubric:

Assessment criteria	4	3	2	1
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	Very good	Good	Enough	Not enough
Understanding the Questions	Understand the question exactly once (25)	Understanding the questions (20)	Not understanding the question fully and correctly (15)	Don't understand the question (10)
Contents	Answers show understanding in-depth understanding of the material being asked and participants integrate the information that has been studied and/or assigned to be read during the lecture well and appropriately (25)	The answers demonstrate understanding of the material being asked and integrate some of the information that has been studied and/or assigned to be read during the lecture. (20)	The answer shows a lack of understanding of the material being asked and only integrates a small portion of information that has been studied and/or assigned to be read during lectures. (15)	The answer shows a lack of understanding of the material being asked so it is unclear and not integrated. information that has been studied and/or assigned to be read during lectures. (10)
Clarity of Writing	All written ideas are conveyed well and clearly. (25)	Most of the ideas in the writing are well and clearly conveyed. (20)	Some of the ideas in the writing are conveyed well and clearly. (15)	The ideas in the writing are not conveyed well and clearly. (10)
Clarity of Language	Uses foreign/Indonesian languages well and correctly with minimal grammatical errors and word choices that do not interfere with understanding (25)	Uses foreign/Indonesian languages well and correctly with minimal grammatical errors and word choices that interfere with understanding. (20)	Uses foreign/Indonesian language quite well and correctly with some grammatical errors and word choices (15)	Does not use foreign/Indonesian language properly and correctly because the writing contains many grammatical errors and word choices (10)

Total	81-100 (Very well)	61-80 (Pretty good)	41-60 (Enough)	0-40 (Not enough)
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Multiple Choice Exam Scoring Rubric:

Value per question item	Criteria
100/ many questions	Can answer questions correctly
0	The answer is not quite right/does not match the answer key provided.

