FACULTY OF AGRICULTURE
MULAWARMAN UNIVERSITY

BACHELOR OF ANIMAL HUSBANDRY CURRICULUM

Outcome Based Education
(OBE)

2023

Building the Future
of Sustainabbe Livestock
through Outcome
Based Education

Jl. Pasir Balengkong Campus, Faculty of Agriculture
Mulawarman University, Samarinda, 75123
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MULAWARMAN UNIVERSITY
2023

A. Study Program Identity

1	Name of University	Mulawarman University
2	Faculty	Agriculture
3	Study Program	Animal Science
4	Study Program Code	54231
5	Degree	Bachelor
6	Address	Faculty of Agriculture, Mulawarman University, Pasir Balengkong St., Gunung Kelua Campus, Samarinda Ciry, East Kalimantan, 75123
7	Phone	(0541) 2083337
8	E-mail	jurusanpeternakan@faperta.unmul.ac.id
9	Website	http://ptk.faperta.unmul.ac.id/
10	Year and Permit/Decree of Establishment as well as the latest Extension Decree.	SK Pendirian : SK Direktur Jenderal Pendidikan Tinggi No. 803/D/T/2009
11	Year and Accreditation Certificate from BAN PT accreditation and/or LAM (latest decree)	4984/SK/BAN-PT/Ak.Ppj/S/IX/2023
12	Year and Accreditation Certificate/International Certification	-

B. Head of Study Program

1	Name	Suhardi, S.Pt., MP., Ph.D
2	Fuctional Position	Lektor
3	Assignment Letter Number	2394/UN17/HK/2021
4	Assignment Start Date	July 1st 2021
5	Assignment Completion Date	June 30th 2025
6	Phone Number (Whatsapp)	081217739993

C. Currciculum Evaluation and Tracer Study

The Animal Science Study Program of the Faculty of Agriculture starting in 2016, 2018 and 2022 has made efforts to develop, adjust, change the curriculum to match the changes in the foundation of the higher education curriculum in Indonesia as mentioned above. The purpose of improving the curriculum of the Faculty of Agriculture Study Program, among others, is that the Curriculum is no longer limited to how many semester credit units, but is required to describe a competency qualification framework that can juxtapose, equalize and integrate between the fields of education and the fields of vocational training and work experience in order to provide recognition of work competency qualifications according to the structure of work. The curriculum must be able to determine the qualification limit which is the mastery of learning outcomes that state their position in the Indonesian National Qualifications Framework. Apart from being based on the Indonesian National Qualifications Framework and Freedom of

Learning Independent Campus (Merdeka Belajar Kampus Merdeka [MBKM]), the curriculum of the Animal Science Study Program also contains messages about the Industrial Revolution 5.0 oriented Outcome Based Education (OBE) is a learning method that focuses on outcomes or learning outcomes, as launched by the Ministry of Research, Technology and Higher Education.

According to the above, it is expected that the adjustment of the Curriculum will be able to provide guidelines for students in planning their studies in the Animal Science Study Program, Faculty of Agriculture, Mulawarman University. The curriculum will also be a guide for lecturers in carrying out their duties in the teaching and learning process. The adjusted OBE-oriented curriculum is expected to be useful and able to produce graduates who are in accordance with learning outcomes, so as to provide reliable personnel according to stake holder needs. This goal is very helpful to shorten the waiting period of graduates, thereby reducing the level of unemployment. waiting period for graduates, thus reducing the level of intellectual unemployment. Recognition of learning outcomes is the main mission of the OBE-based curriculum, which is an education system that focuses on the achievement of learning where education is not only centered on the material that must be coveredis not only centered on the material to be completed but also the outcome. The mission This mission is clearly illustrated, if the graduates produced are able to compete and show work achievements in accordance with competency qualifications. show work performance in accordance with competency qualifications. This condition will provide work experience as a basis for continuing education to a higher qualification in formal education. higher qualifications in formal education.

The implementation of this-based curriculum does not seem to be able to answer the challenges of the needs of graduates in the face of social change, culture, and rapid technological advances, so that students seem rigid and only centered on the competence of their scientific fields. However, in conditions where students are faced with increasingly complex changes in order, they are required to have high flexibility in facing the current competition. In the curriculum based on the Indonesian National Qualifications Framework, out-of-class activities also receive relatively little credit when compared to the total credits taken during undergraduate education. Whereas they have sacrificed considerable time so that they can adjust to the changes that occur in society. Therefore, by observing this condition, the government, in this case the Ministry of Education and Culture, in 2020 evaluated the curriculum policy that has been running.

The evaluation stage through a tracer study of alumni and user satisfaction of alumni / graduates with data obtained that 96% of alumni of the Animal Science study program are currently working while 3.9% have not worked with the waiting time for graduates to get their first job is less than 6 months. The implementation of the tracer study of graduates of the Faculty of Agriculture is carried out centrally at Mulawarman University through the Mulawarman University Career and Entrepreneurship Development Technical Implementation Unit (Perkasa), where structurally the organization is under the Tracer Study Division.

D. Curriculum Planning and Development Platform

Philosophical foundation

The Animal Science Study Program of the Faculty of Agriculture starting in 2016 has made efforts to develop, adjust, change the curriculum to match the changes in the foundation of the higher education curriculum in Indonesia as mentioned above. The purpose of improving the curriculum of the Faculty of Agriculture Study Program, among others, is so that the

Curriculum is no longer limited to how many semester credit units, but is required to describe a competency qualification framework that can juxtapose, equalize and integrate between the fields of education and the fields of vocational training and work experience in order to provide recognition of work competency qualifications according to the structure of work. Knowledge is studied and learned so that students understand the nature of life and have the ability to improve their quality of life as individuals and as members of society (KPT, 2020; Zais, 1976). The curriculum must be able to determine the qualification limit which is the mastery of learning outcomes that state their position in Indonesian National Qualifications Framework. In addition to being based on the Indonesian National Qualifications Framework, the curriculum of the Animal Science Study Program also contains messages about the Industrial Revolution 4.0 oriented MBKM program, as launched by the Ministry of Research, Technology and Higher Education. Based on the above intentions, it is hoped that the adjustment of the Curriculum will be able to provide guidelines for students in planning their studies at the Animal Science Study Program, Faculty of Agriculture, Mulawarman University. The curriculum will also be a guide for lecturers in carrying out their duties in the teaching and learning process.

Sociological Foundation

Curriculum development as an educational tool consisting of goals, materials, learning activities and a positive learning environment for the acquisition of learner experiences that are relevant to the personal and social development of learners (Ornstein & Hunkins, 2014). The implementation of the curriculum based on the Indonesian National Qualifications Framework does not seem to be able to answer the challenges to the needs of graduates in the face of social change, culture, and rapid technological advances, so that students seem "rigid" and only centered on the competence of their scientific fields. In conditions where students are faced with increasingly complex changes in order, they are required to have high flexibility in facing the current competition. In the curriculum based on the Indonesian National Qualifications Framework, out-of-class activities also receive relatively little credit when compared to the total credits taken during undergraduate education. Whereas they have sacrificed considerable time so that they can adjust to the changes that occur in society. Therefore, by looking at this condition, the government, in this case the Ministry of Education and Culture, in 2020 evaluated the curriculum policy that has been running.

Psychological Foundations

The curriculum can facilitate students in learning so that they are able to realize their role and function in their environment, can encourage students to think critically and do higher order thinking, and can optimize the development of student potential into the desired human being (KPT, 2020; Zais, 1976). The adjusted curriculum based on the Indonesian National Qualifications Framework is expected to be useful and able to produce graduates who are in accordance with the learning outcomes, so as to provide reliable personnel according to the needs of stake holders. This goal is very helpful to shorten the waiting period for graduates, thereby reducing the level of intellectual unemployment. Recognition of learning outcomes is the main mission of the curriculum based on the Indonesian National Qualifications Framework. This mission is clearly illustrated, if the graduates produced are able to compete and show work achievements in accordance with competency qualifications. This condition will provide work experience as a basis for continuing education to a higher qualification level in formal education in the context of lifelong learning.

Juridical foundation (KPT, 2020)

1. Law of the Republic of Indonesia Number 14 of 2005 concerning Teachers and Lecturers (State Gazette of the Republic of Indonesia Year 2005 Number 157, Supplement to the State Gazette of the Republic of Indonesia Number 4586);
2. Law of the Republic of Indonesia Number 12 of 2012 concerning Higher Education (State Gazette of the Republic of Indonesia Year 2012 Number 158, Supplement to the State Gazette of the Republic of Indonesia Number 5336);
3. Presidential Regulation of the Republic of Indonesia Number 8 of 2012, concerning the Indonesian National Qualifications Framework;
4. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 73 of 2013, Regarding the Implementation of Indonesian National Qualifications Framework in the Field of Higher Education;
5. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 3 of 2020, Regarding National Higher Education Standards;
6. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 5 of 2020, Regarding Accreditation of Study Programs and Higher Education;
7. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 2020, Regarding the Establishment, Change, Dissolution of State Universities, and Establishment, Change, Revocation of Licenses of Private Universities;
8. Regulation of the Minister of Education and Culture of the Republic of Indonesia Number 81 of 2014, concerning Diplomas, Certificates of Competence, and Certificates of Higher Education Professions;
9. Guidebook for Preparing KPT in the Industrial Era 4.0 to Support Merdeka Belajar Kampus Merdeka, Ditjen Belmawa, Dikti-Kemendikbud, 2020.
10. Mulawarman University Rector Regulation Number 17 of 2020 concerning Guidelines for the Preparation of Curricula for the Implementation of Education and Teaching, Research, Community Service Based on Campus Merdeka and Merdeka Belajar.

E. Vision, Mission and The Objectives

Animal Science Study Program's Vision

The vision of Animal Science Study Program is "To become a superior Animal Science Study Program in Kalimantan in 2026 in the field of humid tropical animal science by supporting the development of a sustainable livestock industry through the process of education, research and community service."

Animal Science Study Program's Mission

There are three missions of Animal Science Study Program including:

a. Organizing Bachelor degree of Animal Science education to produce graduates who have academic and moral abilities. So that they are able to play an immersive role in the development of the livestock industry in a humid tropical environment.
b. Increasing the relevance and quality of research for the development of science and technology for the livestock industry in humid tropical environments.
c. Developing and applying newest technology in the livestock sector for the welfare of society.

Animal Science Study Program's Objectives

a. Producing graduates who have academic and moral abilities so that they are able to play an active role in the development of the livestock industry in humid tropical environments.
b. Becoming a center for research and technology development in the field of humid tropical livestock.
c. Has the ability to optimize research abilty in animal science field by synergizing with government, institutions and industry which focused in the field of animal science related.

F. Graduate Profile

a. Graduate Profile

Graduate of the Animal Science study program, Faculty of Agriculture, Mulawarman University expected to work as a Business Practitioner, researcher, manager consultant, and communicator in the livestock sector.

b. Program Educational Objectives (PEO) Description

PEO	Description
PEO -1	**Business Practitioner in the Animal Science Sector** Individuals or groups involved in various aspects of livestock-related businesses with a purpose commercial.
PEO -2	**Researchers, Academics, and Educators** Competent in developing animal science science through education, teaching, and devotion
PEO -3	**Manager and consultant in the livestock sector** Individuals who have an essential role in managing operations farms and provide valuable advice to owners or livestock manager
PEO -4	**Extension officer in the field of animal science** The individual responsible for providing the information, training, and advice to breeders or livestock communities and has a vital role in helping farmers improve knowledge and skills and adopt best practices in animal science

c. PEO Indicators

PEO	Indicator
PEO -1	1. Have an entrepreneurial spirit that can support business animal science 2. Has a high adaptability to changes in the business climate in the livestock sector 3. Having business ethics in the livestock sector
PEO -2	1. Able to design and carry out research 2. Have the ability to identify, analyze, synthesize, and formulate internal problems in the field of animal science. 3. Can express research results in the in-depth form of a scientific report.

PEO -3	1. Have creative, innovative, and managerial skills responsive to changes in the livestock business. 2. Has the ability to collaborate with various groups to develop a livestock business 3. Have the ability to communicate in writing and verbally well 4. Have scientific skills in formulating, analyzing, solve problems in the field of livestock and providing appropriate recommendations
PEO -4	1. Have the ability to communicate verbally well and convey the message of improving the welfare of livestock farmers. 2. I can think analytically and systematically and act as a mediator, motivator, and facilitator in improving the skills of livestock farmers. 3. Has the ability to communicate with various people stakeholders in the context of the development of a farm

G. Graduate Learning Outcome (CPL)

Number of items 8 – 15

CPL code	Description
PLO-1	Able to have faith in God Almighty and uphold the values of humanity by carrying out duties based on religion, morals, and ethics.
PLO-2	Able to contribute to improving the quality of life in society, nation, state, love of the homeland, nationalism, culture, views, religion, law-abiding, and progress of civilization based on Pancasila and has social sensitivity and concern for society and environment.
PLO-3	Able to demonstrate a responsible attitude toward work with independent expertise, academic norms, and ethics.
PLO-4	Able to apply logical, critical, systematic, and innovative thinking in the context of science development or implementation knowledge and technology that pays attention to and applies humanities values appropriate to the field of his expertise.
PLO-5	Able to study the implications of the development or implementation of science and technology that pays attention to and apply humanities values according to their expertise based on scientific rules, procedures, and ethics to produce solutions, ideas, designs, or art criticism, compose scientific description of the results of the study in the form of a thesis or final assignment report, and upload it to the page College.
PLO-6	Able to make appropriate decisions in context, solve problems in his area of expertise based on results, analyze information and data, and document, store, and secure data to ensure validity and prevent plagiarism.
PLO-7	Able to carry out planning, development, research, and innovation in the field of animal science in a rainforest environment and humid tropics.
PLO-8	Able to carry out livestock business analysis at the level of microeconomics and macroeconomics and apply rules and principles of entrepreneurship.
PLO-9	Able to apply Internet of Things (IoT) technology and utilize big data for decision-making.

PLO-10	Able to mastering science and technology, applying science and technology, following the development of science and technology, basic animal science skills, and providing solutions to problems in the livestock sector.
PLO-11	Able to develop livestock resources based on local wisdom
PLO-12	Able to work together in a team, adapt to the environment work, and utilize or use ICT (Technology Information and Communication).

Graduate Learning Outcomes		Program Education Outcomes (PEO)			
		PEO 1	**PEO 2**	**PEO 3**	**PEO 4**
1	S1	V	V	V	V
2	S2		V		V
3	S3	V	V	V	V
4	KU1	V	V	V	V
5	KU2		V		
6	KU3	V	V	V	
7	P1	V	V	V	V
8	P2	V	V	V	V
9	P3			V	V
10	KK1	V	V	V	
11	KK2	V		V	
12	KK3			V	V

H. Study Material
Number of items 4 - 10

Study Material Code	Description
Animal Nutrition Science (Ruminant Nutrition, Non-Ruminant Nutrition, Poultry Nutrition, and Feed Technology)	science related to understanding and researching livestock nutritional needs, feed formulation, feed processing, and the impact of nutrition on livestock production, livestock health, and livestock sustainability.
Forage Crop Science & Pasture Management	plant science that focuses on the understanding, development, and management of plants used as feed for livestock, such as cattle, sheep, goats, and poultry. This science supports the livestock industry and plays an important role in providing quality feed sources for livestock.
Livestock Production	The science that focuses on the management and day-to-day operations of livestock production. It covers various aspects related to the maintenance, reproduction, health, and efficiency of raising animals, whether for the production of meat, milk, eggs, wool, and other benefits. Animal Production Science plays a vital role in the livestock industry in ensuring optimal production, good animal welfare, and sustainability of livestock business.
Livestock Product Technology	The science concerned with the processing and management of livestock products, such as meat, milk, eggs, fur, and other animal products. The focus is on various aspects involving processing, storage, distribution, and innovation in animal products to meet consumer and industrial needs.

Socio-economics of Animal Science	the science that combines economic principles with social issues related to the livestock sector. It involves analyzing the interactions between economic, cultural, and social factors that influence policies, practices, and outcomes in the livestock sector. It helps in understanding how policies, social changes, and cultural factors influence livestock practices, sustainability, animals welfare, and the economic benefits resulting from livestock activities.

I. Courses Formation and Determination of Credit Weights (SKS)

No	Study Materials	Course Name
1	Animal Nutrition Science (Ruminant Nutrition, Non-Ruminant Nutrition, Poultry Nutrition, and Feed Technology)	Animal Nutrition Science, Feedlot Management, Poultry and Non Ruminant Nutrition, Ruminant Nutrition
2	Forage Crop Science & Pasture Management	Forage Crop Science, Feed Ingredients and Formulation Rations, Pasture Management, Livestock Integration Systems on Agricultural Land, Feed Technology, Management Livestock in Post-Mining Lands

3	Livestock Production	Introduction to Humid Tropical Agriculture, Introduction to Animal Science, Animal Environmental Science, Basic Genetics, Biochemistry, Animal Anatomy and Physiology, Animal Observation Science, Beef and Work Animal Science, Poultry Science, Dairy Animal Science, Animal Health Science, Animal Reproductive Science, Animal Breeding Science, Animal Behavior and Animal Welfare, Poultry Livestock Production, Beef Livestock Production, Artificial Insemination, Animal Medicine Knowledge, Animal Waste Management, Various Animals, Poultry Livestock Breeding, Animal Biotechnology
4	Livestock Product Technology	Basic Technology of Livestock Products, Food and Nutrition of Livestock Products, Food Safety of Livestock Products, Abbatoir and Slaughtering Techniques, Science and Technology Meat, Science of Milk and Egg Technology Industrial Development. Results Animal Science, Leather Science and Technology, Farm Engineering
5	Socio-economic	Basic Agribusiness Management and Entrepreneurship, Marketing and Trading of Livestock, Livestock Policy and Legislation, Feasibility Study and Project Evaluation, Livestock Production Economics, Livestock Business, Rural Sociology, Extension and Development Communication Farm
6	General Basic Courses	Religion, Pancasila, Indonesian, Basic Social and Cultural Sciences, Biology, Applied Mathematics,

		Citizenship, English, Biochemistry, Microbiology General.
7	Research	Internet of things, Statistics and Experimental Design, Research Methodology, Community Service Program, Field Work Practices, Seminars, Thesis

No	Course Name	CPL											
		S1	S2	S3	KU1	KU2	KU3	P1	P2	P3	KK1	KK2	KK3
1.	Religion	√	√				√						
2.	Pancasila	√	√				√						
3	Indonesian	√	√				√						
4	Social Sciences and Basic Culture	√	√				√						
5	Introduction to Humid Tropical Agriculture			√	√			√	√		√		
6	Biology		√			√		√			√		
7	Introduction to Animal Science			√	√			√	√		√		
8	Animal Environmental Science			√	√	√	√			√	√		√
9	Applied Mathematics		√			√		√			√		
10	Citizenship	√	√				√						
11	Basics Agribusiness Management and Entrepreneurship			√	√	√			√		√	√	
12	Basic Genetics		√			√		√			√		
13	English	√	√				√						
14	Biochemistry		√			√		√			√		
15	Animal Anatomy and Physiology		√			√		√	√		√		
16	General Microbiology		√			√		√	√		√		
17	Forage Crop Science		√	√		√	√	√	√		√		
18	Internet of things			√		√	√	√	√	√	√		√
19	Animal Science		√	√		√		√	√	√	√		
20	Animal Nutrition Science		√	√	√	√		√	√	√	√		√
21	Basics of Livestock Product Technology		√	√	√	√		√	√		√		
22	Beef and Work Animal Science		√	√		√		√	√	√	√		√
23	Poultry Science		√	√		√		√	√	√	√		√
24	Dairy Science		√	√		√		√	√	√	√		√
25	Animal Health Science		√	√		√		√	√	√	√		√

26	Animal Reproduction Science		√	√		√		√	√	√	√		√
28	Feed Ingredients and Formulation Rations		√	√		√		√	√	√	√		√
29	Food and Nutrition of Livestock Products			√	√	√	√	√	√		√		
30	Statistics and Experimental Design			√	√	√	√	√			√		√
31	Research Methodology			√	√	√	√	√			√		√
32	Animal Breeding Science			√	√	√		√	√		√		
33	Safety of Livestock Food			√	√	√		√	√		√		
34	Marketing and Trading of Livestock		√	√	√	√		√			√	√	√
35	Livestock Policy and Legislation		√	√	√	√	√		√		√	√	
36	Feasibility Study and Project Evaluation		√	√	√	√	√		√		√	√	√
37	Abbatoir and Slaughtering Techniques	√		√	√	√		√	√	√			
38	Pasture Management			√	√	√		√	√		√		
39	Meat Science and Technology			√	√	√		√	√		√		
40	Science of Milk and Egg Technology			√	√	√		√	√		√		
41	Economics of Livestock Production		√	√	√	√	√		√		√	√	√
42	Animal Behaviour and Animal Welfare		√	√		√		√	√	√	√		√
43	Industrial Development Livestock Products		√	√	√	√		√	√	√	√	√	√
44	Poultry Production		√	√		√		√	√	√	√		√
45	Beef Livestock Production		√	√		√		√	√	√	√		√
46	Feedlot Management		√	√		√		√	√	√	√		√
47	Livestock Integration System in Agricultural land		√	√		√		√	√	√	√		√
48	Artificial Insemination	√		√	√	√		√	√	√	√		√
49	Animal Medicine Knowledge	√		√	√	√		√	√	√	√		√
50	Livestock business		√	√	√	√	√		√		√	√	√

51	Poultry and Non Ruminant Nutrition		√	√	√	√		√	√	√	√		√
52	Livestock Waste Management		√	√		√		√	√	√	√		√
53	Feed Technology		√	√	√	√		√	√	√	√		√
54	Various Livestock												
55	Poultry Breeding		√	√		√		√	√	√	√		√
56	Leather Science and Technology			√	√	√		√	√		√		
57	Rural Sociology		√	√		√	√	√	√		√		√
58	Farm Engineering		√			√		√	√		√		√
59	Livestock Management in Post-Mining Lands		√	√	√	√		√	√	√	√		√
60	Animal Biotechnology		√	√	√	√		√	√	√	√		√
61	Development Counseling and Communication Farm		√	√		√	√	√	√		√		√
62	Ruminant Nutrition		√	√	√	√		√	√	√	√		√
63	Animal Genetic Resources Local		√	√	√	√		√	√	√	√		√
64	Community Service Program	√	√	√	√	√	√	√	√	√	√	√	√
65	Field Work Practice	√	√	√	√	√	√	√	√	√	√	√	√
66	Seminar	√	√	√	√	√	√	√	√	√	√	√	√
67	Thesis	√	√	√	√	√	√	√	√	√	√	√	√

J. Curriculum Matrix and Map (Curriculum Structure)

Matrix Curriculum that accommodates the MBKM Program

Semester	Amount credits	LEARNING PROGRAM IN THE STUDY PROGRAM										MB-KM PROGRAM *)		
												In Univ	Other Univ	Non-Univ
1	2	3										4	5	6
VIII	13	MU0000603W007			220305672W002		220305672W003		220305676W004					**Example**: Course Code (20 credits)
		3 Credits			2 Credits		2 Credits		6 Credits					
VII	13	MU0000603W007			220305672W002		220305672W003		220305676W004					**Example**: Course Code (20 credits)
		3 Credits			2 Credits		2 Credits		6 Credits					
VI	24	12 Elective Courses	Freeform MBKM				Independent Study						Example : Course Code (20 credits)	
		Sks	20 credits				4 Credits							
V	24	220305653W001	15 Elective Courses									**Example**: Course Code (20 credits)		
		3 Credits												
IV	24	220305642W001	220305642W002	220305643W003	220305643W004	220305642W005	220305642W006	220305642W007	220305642W008	220305643W009	220305643W010	NOT ALLOWED TO PARTICIPATE IN THE MBKM PROGRAM EXCEPT FOR ATTENDING LECTURES IN A STUDY PROGRAM AT UPI OR PARTICIPATING IN A		
		3 Credits	2 Credits	3 Credits	3 Credits	2 Credits	2 Credits	2 Credits	2 Credits	3 Credits	2 Credits			

III	24	220305633W001	2203056 33W002	2203056 33W003	2203056 33W004	2203056 33W005	220305633W006	220305633W007	22030563 3W008			STUDENT EXCHANGE
		3 Credits	3 Credits	3 Credits	3 Credits	3 Credits	3 Credits	3 Credits	3 Credits			
II	24	MU00006	2203056	2203056	2203056	2203056	22030562	22030562	22030562	220305623		
		02W003	22W002	22W003	23W004	23W005	3W006	3W007	3W008	W009		
		2 Credits	2 Credits	2 Credits	3 Credits	3 Credits	3 Credits	3 Credits	3 Credits	3 Credits		
I	20	MU000063W001	MU000062W002	MU000062W004	MU000062W006	220305612W005	220305613W006	220305612W007	220305612W008	220305612W009		
		3 Credits	2 Credits	2 Credits	2 Credits	2 Credits	3 Credits	2 Credits	2 Credits	2 Credits		

Note: *) Only for Undergraduate PrograM

K. Implementation of The Right to Study Outside the Study Program with maximum 3 Semesters Plan

The implementation plan for the right to study a maximum of 3 semesters outside the study program can implement several strategic steps to ensure its success and effectiveness. Here are some of the steps that can be taken:

1. **Policy Development:**
   - Setting up a special team or committee to design policies related to the learning rights outside the study program.
   - Determine clear boundaries and criteria to qualify for programs outside the study program.
   - Develop clear and transparent implementation guidelines.
2. **Consultation and Collaboration:**
   - Involve various related parties such as lecturers, students, and administrative parties in the planning process.
   - Communicate with relevant study programs to ensure availability
3. **License System:**
   - Setting up a transparent approval system for students who wish to take courses outside the study program.
   - Setting transparent procedures for obtaining approval from academic supervisors or related officials.
4. **Monitoring and Evaluation:**
   - Develop a monitoring and evaluation system to monitor academic progress of students who take courses outside the study program.
   - Setting an appropriate time to evaluate the impact of the implementation of this policy
5. **Curriculum Development:**
   - To ensure that the courses that can be taken outside of the study program in accordance with the needs and interests of students.
   - Coordinate with lecturers from relevant study programs to identify relevant courses.
6. **Lecturer Empowerment:**
   - Involving lecturers in the process of developing and implementing of study abroad programs.
   - Provide training to relevant lecturers to ensure quality of teaching and course assessment.
7. **Socialization:**
   - To conduct an effective socialization campaign to inform students about the opportunities and requirements of study abroad rights.
   - Provide information prominently on the website, newsletters, and other media. other media.
8. **Problem Handling Process:**

- Setting up a troubleshooting system in case there are obstacles or conflicts that arise during implementation.
- Confirm that there are effective communication channels to respond to questions and feedback from students.

9. **Sustainability Monitoring:**
    - Planning a long-term monitoring mechanism to assess the the sustainability of the study rights program outside the study program.
    - Make adjustments if necessary based on monitoring results

Implementation of the right to study outside the study program requires cooperation and good communication between all relevant parties. With these steps, it is hoped that students can gain a more diverse learning experience and in accordance with their interests and career goals.

L. Management and Curriculum Implementation Mechanisms

Planning

Preparation for curriculum implementation that refers to the Standard Document Unmul Education is equipped with other supporting tools in the form of educational guidebook/academic regulations, academic calendar, class schedule practicum, teaching decree, PJMK decree, list of lecture facilities/infrastructure, learning tools (RPS, lecture contracts), and other documents relevant.

Implementation

The implementation of the curriculum refers to the Unmul Education Standards Document, equipped with several supporting tools, for example, attendance list students, lecturer attendance list, minutes of class schedule changes, checklist lecture facilities/infrastructure, data on the results of lecture activities which include the presence of students, lecturers in lectures, and the suitability of the material lectures with student grades, as well as work instructions related to KKN, PKL and also Practicum.

M. Semester Learning Plan (RPS)

The RPS document for the Animal Science Study Program, Faculty of Agriculture, was prepared and attached separately from the curriculum document but becomes one unity of the entire study program curriculum document. Access RPS PS The farm can be seen at the following link: https://bit.ly/RPSPETERNAKAN

N. Evaluation of Study Program's Curriculum

Evaluation of curriculum implementation referring to the Standard Document Unmul education, supported by several tools in the form of evaluation results in lecturer performance in lectures and practicums as well as minutes and event report evaluation meeting, as well as other relevant documents.