


COURSE LEARNING PLAN

	UNIVERSITY OF BRAWIJAYA FACULTY OF ANIMAL SCIENCE DEPARTMENT OF ANIMAL SCIENCE UNDERGRADUATE STUDY PROGRAM OF ANIMAL SCIENCE LEARNING PLAN of Registration and Regulations of Animal Industry			
Course	Code	Weight (Credits)	Semester	Compilation Date
Registration and Regulations of Animal Industry	PEF 4016	2	Even Semester of 2019/2020	July 28, 2020
Authorization	Supervising Lecture		Head of Undergraduate Study Program of Animal Science	Vice Dean I
	Prof. Dr.sc.agr. Ir. Suyadi, MS. IPU. ASEAN Eng.		Dr. Herly Evanuarini, S.Pt., MP.	Dr. Ir. M Halim Natsir, S.Pt. MP, IPM. ASEAN Eng.
Learning Outcomes (LO)	PLO			
	LO 1: Believing in God Almighty, based on Pancasila, has social sensitivity and concern for the nation LO 2: Contribute to the improvement and advancement of the quality of life in society, nation, and state LO 7: Able to demonstrate independent, quality, and measurable performance (both quality and quantity) effectively, efficiently, and sustainably			
	CLO			
	1. Understanding and mastering the basis of Law in the field of livestock, Animal Welfare, Human Resources in the Animal Science sector based on noble divine values and national morals 2. Able and courageous to communicate the system of regulations and legislation in the field of livestock, and other matters related to it to the wider community and industry 3. Able to apply (able to act) and enforce the livestock law in everyday life, both in formal and non-formal conditions			
Brief Course Description	The course of Law and Regulation of Livestock discusses various aspects about Regulations on law in the field of nursery systems, feed, livestock cultivation, livestock equipment and machinery, livestock product processing, livestock industry, regulation of the entry and exit of feed, livestock and materials of animal origin from and to abroad, issues in livestock business licensing, animal quarantine and Slaughterhouse / Chicken.			
Sub-Course/Topics	1. Introduction and discussion of material and evaluation system			

	<ol style="list-style-type: none"> 2. Law of the Republic of Indonesia number 41 of 2014 concerning livestock and animal health 3. Guidelines for the preservation and utilization of livestock genetic resources 4. Animal, Fish and Plant Quarantine 5. Guidelines for the import and export of animal-based feed ingredients to and from the territory of the Republic of Indonesia 6. Guidelines for the entry and release of livestock breeds and or breeds from and to the territory of Indonesia 7. Manual of livestock tools and machinery 8. Midterm Exam 9. Guidelines for Competency Test of breeds Supervisors and Feed Quality Functional Officials 10. Guidelines for Slaughterhouses (Slaughterhouses and Poultry Slaughterhouses) 11. Guidelines for the entry of plant-based feed ingredients 12. Guidelines for the entry of meat carcasses and rules 13. Stipulation of breeds Source Zoning 14. Guidelines for Pet Cultivation 15. Subject assignment presentation 16. Final Exam
References	<ul style="list-style-type: none"> - Law Number 18 of 2009 Concerning Livestock and Animal Health (UPKH). - Law Number 41 of 2014 concerning Amendments of Law Number 18 of 2009 concerning Animal Science and Animal Health (UPKH) - Government Regulation of the Republic of Indonesia Number 48 of 2011 concerning Animal Genetic Resources and Animal Breeding - Presidential Regulation Number 6 of 2013 concerning Empowerment of Animal Science - Presidential Regulation Number 48 of 2014 concerning Livestock (pets) Cultivation - Regulation of the Minister of Agriculture Number 13/Permentan/Ot.140/1/2010 concerning Requirements for Ruminant Slaughterhouses and Meat Cutting Plants - Regulation of the Minister of Agriculture Number: 51/Permentan/OT.140/9/2011 Concerning Recommendations for Approval for Importation and Exportation of Livestock breeds and/or seeds into and Out of the Territory of the Republic of Indonesia - Regulation of the Minister of Agriculture of the Republic of Indonesia Number: 35/Permentan/ OT.140 / 7/2011 concerning Control of Productive Female Ruminants - Regulation of the Minister of Agriculture number 51/Permentan/OT.140/9/2011 concerning Approval of Recommendations for the Import and Export of Seeds/breeds from and into the Republic of Indonesia - Regulation of the Minister of Agriculture number 43/Kpts/PD.010/1/2015 concerning the Determination of the Area of beef cattle, buffaloes, goats, local cows, local pigs

	<ul style="list-style-type: none"> - Regulation of the Minister of Agriculture number 23/Permentan/PK.130/4/2015 concerning the import and export of animal-based feed ingredients to and from the territory of the Republic of Indonesia - Regulation of the Minister of Agriculture Number 28/KP.240/5/2015 concerning Guidelines for Competency Test of Functional Officials for Livestock breeds Supervisors - Regulation of the Minister of Agriculture number 29/Permentan/KP.240/5/2015 concerning Guidelines for Competency Test of Feed Quality Supervisory Functional Officials - Regulation of the Minister of Agriculture number 57/Permentan/PK.110/11/2015 concerning the Import and Export of Plant-Originated Feed Materials to and from the Territory of the Republic of Indonesia. - Regulation of the Minister of Agriculture number 58/Permentan/PK.210/11/2015 concerning Importation of Carcasses, Meat, and/or their processed products into the territory of the Republic of Indonesia. - Regulation of the Minister of Agriculture 13/PERMENTAN/PK.240/5/2017 concerning Livestock Partnership - Regulation of the Minister of Agriculture 02 of 2018, Export of small ruminants and pigs from the territory of the Republic of Indonesia - Regulation of the Minister of Agriculture 13 of 2019, Entry and release of animal-based feed ingredients - Regulation of the Minister of Agriculture of 2019, Importation of large ruminants into the territory of RI - Regulation of the Minister of Agriculture 42 of 2019, Import of carcass, meat, offal and their processed products - Regulation of the Minister of Agriculture 45 of 2019, Licensing services try to be integrated electronically in the agricultural sector - Regulation of the Minister of Agriculture number 48/Permentan/PK.440/8/2015 concerning Importation of feeder cows and / brood cattle into the Republic of Indonesia - Regulation of the Minister of Trade 29 of 2019 concerning Export and Import Provisions of Animal and Animal Products. - Regulation of the Minister of Trade 72 of 2019, export and import of animals and animal products 	
Learning Media	Software	Hardware
	Video, internet	- LCD, Laptop, Computer, Book, Document, Law, White Board, and stationary
Teaching Team	<ol style="list-style-type: none"> 1. Prof. Suyadi 2. Prof. Woro Busono 3. Dr. Ir. Puguh Suryowardoyo, MP 4. Dr. Ir. Edhy Sudjarwo, MS 5. Dr. Ir. M. B. Hariyono, MS 	

		6. Dr. Ir. Suprih Bambang S, MS 7. Dr. Agus Susilo, S.Pt. MP 8. Firmansyah Tri Saputra, S.Pt, MP 9. Wike Andree Septian, S.Pt. MS 10. Ir. Trianti Djoharjani, M.Sc.				
Prerequisite Course						
Week	Sub-Course learning Outcome	Indicator	Learning Material/Topic	Learning Method	Criteria & Form of Assessment	Weight Score (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Able to understand the scope of Livestock Law Course, and the important role in supporting the Profession in the field of livestock	Showing understanding related to the Constitutional Court of Animal Science Regulations, and the important role in supporting Profession in the field of livestock	Discussion Material: <ul style="list-style-type: none"> • Structure of law in Indonesia • Laws of Live Stock • The urgency and role of understanding the rules and regulations to strengthen professional authority • Law 18/2009 and Law 41/2014, Article 1, paragraphs 1-25 	<ul style="list-style-type: none"> • Tutorial • Making group (5 students/group) • Task: Studying Law 18/2009, Law 41/2014 Article 1, paragraphs 1-25 concerning General Provisions in the field of animal science. 	Criteria: Able to explain in a logical and orderly manner Assessment: Assignments and Midterm-test	0
2	Able to understand and explain analytically of Law no 48/2009 and Law No 41/2014 regarding PKH (Livestock and Animal Health)	Demonstrating the understanding of the analysis of changes from Law 18/2009 to Law 41/2014	Law 18/2009, Law 41/2014 about: <ul style="list-style-type: none"> • Principles and Objectives • Resource 	<ul style="list-style-type: none"> • Tutorial • group discussion • Work in group/team 	The activeness of groups and individuals in discussions and	5%

			<ul style="list-style-type: none"> • Seeds /breeds • Feed • Cultivation • Tools and machines • Marketing, processing, business • Animal welfare • Livestock Empowerment 	<ul style="list-style-type: none"> • Questions and answers per group • Task: Studying Law 18/2008, Law 41/2014; and PP 48/2011 	delivering opinions.	
3	Able to understand the scope of Government Regulation number 48 of 2011 on SDGH/AnGR	Demonstrating the understanding and implementing Government Regulation number 48 of 2011 on SDGH/AnGR	<ul style="list-style-type: none"> a. General requirements b. SDGH/AnGR (Animal Genetic Resources) MANAGEMENT (Definition of AnGR, Utilization of AnGR) c. Preservation of AnGR (Exploration, Conservation (in situ and exsitu), determination of conservation areas) d. LIVESTOCK BREEDING e. SDGH/AnGR inclusion and expenditure f. Information system and information 	<ul style="list-style-type: none"> • Tutorial • group discussion • Work in group/team • Questions and answers per group • Task: studying presidential decree no 6 / 2013. 	The activeness of groups and individuals in discussions and delivering opinions.	5%

			network for AnGR and Animal Breeding			
4	Able to understand the scope of Empowerment of Livestock (Presidential Decree number 6 of 2013)	Demonstrating the Understanding of applying (Presidential Decree number 6 of 2013)	a. General requirement b. Access to fees, capital, science and technology, information c. Livestock services d. Minimization of production prices e. Partnership Building f. A conducive business climate and entrepreneurship g. Utilization of domestic resources h. Livestock business area i. Promotion and Marketing j. Protection of livestock and livestock products prices	<ul style="list-style-type: none"> • Tutorial • group discussion • Work in group • Questions and answers per group • Task: studying Presidential Decree no 48/2013. 	Activeness of groups and individuals in discussions and delivering opinions.	5%
5	Able to understand the Regulation of Pet Cultivation (Perpres 48/2013)	Demonstrating the Understanding of Implementing the Regulation of Pet Cultivation (Precedential Decree Number 48/2013)	a. Implementation of livestock (type, area, cultural pattern, organizer,	<ul style="list-style-type: none"> • Tutorial • Group discussion • Work in group 	Activeness of groups and individuals in discussions and	5%

			cooperation and partnership) b. Cultivation protection c. Financing and supervision	<ul style="list-style-type: none"> • Questions and answers per group • Task: studying MOA 41/2012 	delivering opinions.	
6	Able to understand livestock's tools and machine (Government Regulation number 41/2012)	Demonstrating an understanding of applying livestock machinery (Government Regulation number 41/2012)	a. General requirement b. Types of tools and machines c. Procurement, standardization and certification d. Circulation e. Use f. Guidance and supervision g. Administrative Sanctions	<ul style="list-style-type: none"> • Tutorial • Group discussion • Work in group • Questions and answers per group • Task: studying Ministry of Agriculture Regulation Number 13 of 2019 	Activeness of groups and individuals in discussions and delivering opinions.	5%
7	Able to understand the import and export of animal-based feed ingredients to and from the territory of the Republic of Indonesia (MOA 13/2019)	Demonstrating an understanding of applying (MOA 13 of 2019)	a. General requirement b. Import requirements c. Export requirements d. Procedure for obtaining import/export permit e. Quarantine, reporting and monitoring measures	<ul style="list-style-type: none"> • Tutorial • Group discussion • Work in group • Questions and answers per group • Task: Reviewing all materials 1 - 7 for Midterm-test preparation. 	Activeness of groups and individuals in discussions and delivering opinions.	5%

				<ul style="list-style-type: none"> • Preparation after Midterm-test studying Ministry of Agriculture Regulation 51 of 2011. 		
8	MIDTERM EXAM					20%
9	Able to understand the import and export of livestock seeds and or livestock seeds from and to the territory of Indonesia (minister of agriculture regulation Number: 51/Permentan/OT.140/9/2011)	Demonstrating an understanding of implementing the import and export of livestock breeding from and to the territory of Indonesia (minister of agriculture regulation Number: 51/Permentan/OT.140/9/2011)	a. General requirement b. Requirements for the import of livestock breeds c. Requirements for export livestock breeds d. Procedure for obtaining RPP-I e. Transport f. Obligations of RPP and RPP-I holders g. Supervision h. Sanction Provisions	<ul style="list-style-type: none"> • Tutorial • Group discussion • Work in group • Questions and answers per group • Task: studying minister of agriculture regulation 51 of 2011 	Activeness of groups and individuals in discussions and delivering opinions.	3%
10	Able to understand the Competency Test of breeding supervisors (minister of agriculture regulation no. 28/Permentan/KP.240/5/2015) and Functional Officials of Feed Quality (minister of agriculture regulation no. 29/Permentan/KP.240/5/2015)	Demonstrating an understanding of implementing the Competency Test for Breeds supervisors (minister of agriculture regulation no. 28/Permentan/KP.240/5/2015) and Functional Officials of Feed Quality (minister of	a. Definition b. Position levels, ranks and competency standards c. Competency Test implementing organization	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group Task:	Activeness of groups and individuals in discussions and delivering opinions.	4%


		agriculture regulation no. 29/Permentan /KP.240 5/2015)	d. Competency test requirements and procedures e. Implementation of competency tests f. Competency test location	Studying minister of agriculture regulation 13 of 2010		
11	Able to understand the Guidelines for Animal Slaughterhouses (Slaughterhouses and Poultry Slaughterhouses) - MOA 13/Permentan/OT.140/1/2010	Demonstrating the understanding of implementing the Guidelines for Slaughterhouses (Slaughterhouses and Poultry Slaughterhouses) - minister of agriculture regulation No.13/Permentan/OT.140/1/2010	a. General requirement b. Slaughterhouse Requirements: -Technical requirements, -Location requirements -Requirements for facilities, support, -Layout, -Basic Construction, and Design -Requirements -Equipment requirements; c. Hygiene and sanitary requirements d. Veterinary surveillance e. Permit to establish a slaughterhouse and a permit to slaughter animals f. Human Resources	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group Task: minister of agriculture regulation Number 57 of 2015	Activeness of groups and individuals in discussions and delivering opinions.	5%

12	Able to understand the import and export of plant-based feed ingredients (MOA 57 of 2015)	Demonstrating the understanding of implementing the import and export of plant-based feed ingredients (MOA 57 of 2015)	a. General requirement b. Import requirements c. Export requirements d. Import procedures e. Export procedures f. Supervision g. Sanction provisions	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group Task: Studying minister of agriculture regulation no. 41/2019, 42/2019.	Activeness of groups and individuals in discussions and delivering opinions.	3%
13	Able to understand the import of large ruminants into the Republic of Indonesia area (MOA 41 of 2019), and the import of meat carcasses, meat and their processed products (MOA 42 of 2019)	Demonstrating an understanding of implementing the Import of Large Ruminants to the Republic of Indonesia (MOA 41 of 2019), and the import of meat carcasses, meat and their processed products (minister of agriculture regulation no 42 of 2019)	a. General requirement; b. Import requirements; c. procedures for application for approval by the Country of Origin and Business Unit; d. Import procedures; and e. supervision.	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group Task: Studying minister of agriculture regulation no. 45 of 2019.	Activeness of groups and individuals in discussions and delivering opinions.	5%
14	Able to understand the Livestock Business License Policy (minister of agriculture regulation 45 of 2019)	Demonstrating understanding of implementing the Livestock Business License Policy (minister of agriculture regulation 45 of 2019)	a. General Requirement b. type of Business License and KBLI (Indonesian Standard	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group Task:	Activeness of groups and individuals in discussions and delivering opinions.	3%

			<p>Industrial Classification);</p> <p>c. Conducting Business Licensing services at the Ministry of Agriculture;</p> <p>d. Providing Undertaking Licensing services in the Provincial Government and Regency / City Governments;</p> <p>e. Coaching;</p> <p>f. OSS system; and</p> <p>g. transitional provisions.</p>	Studying minister of agriculture regulation no. 13 of 2017.		
15	Able to Understand Livestock Business Partnerships (minister of agriculture regulation 13/2017)	Demonstrating the Understanding of implementing Livestock Partnership (minister of agriculture regulation 13/2017)	<p>a. General Requirement</p> <p>b. Livestock business</p> <p>c. Actors/entrepreneur, Patterns and Livestock Business Partnerships</p> <p>d. Partnership agreement terms</p> <p>e. Guidance and supervision</p> <p>f. Transitional Provisions</p>	<ul style="list-style-type: none"> • Tutorial • Discussion • Work in group • Questions and answers per group <p>Task:</p> <ul style="list-style-type: none"> - Reviewing all material - Presentation 	Activeness of groups and individuals in discussions and delivering opinions.	6%

16	Final Exam	20%
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ASSESSMENT RUBRIC

	UNIVERSITY OF BRAWIJAYA FACULTY OF ANIMAL SCIENCE DEPARTMENT OF ANIMAL SCIENCE UNDERGRADUATE STUDY PROGRAM OF ANIMAL SCIENCE		
Course	Registration and Regulations of Animal Industry		
Score Level	CLO and PLO	Conversion	PLO score
PLO 1: Believing in God Almighty, based on Pancasila, has social sensitivity and concern for the nation CLO 1: understanding and mastering the basic concepts of law in the field of Livestock, Animal Welfare, Human Resources in the field of Animal Science which are based on noble divine values and national morals			
Very Good (4)	Showing an understanding of the basic concepts of Law in the field of Livestock, Animal Welfare, Human Resources in the field of Livestock based on noble values of God and national morals in comprehensively	>80-100	1
Good (3)	Showing an understanding of the basic concepts of legislation in the field of Livestock, Animal Welfare, Human Resources in the field of Animal Science based on noble divine values and national morals well	>70-80	0.75
Moderate (2)	Showing an understanding of the basic concepts of laws and regulations in the field of Livestock, Animal Welfare, Human Resources in the Animal Science sector which is based on divine values and national morals in limited way	>60-70	0.5
Poor/Bad (1)	Showing an understanding of the basic concepts of legislation in the field of Livestock, Animal Welfare, Human Resources in the field of Livestock based on divine values and national morals in very limited way	≤60	0.25
Score Level	CLO and PLO	Conversion	PLO score
PLO 2: Contributing to the improvement and advancement of the quality of life in society, nation and state. CLO 2: able and courageous to communicate the system of regulations and lawn in the field of Livestock, and other related matters to the wider community and industry			
Very Good (4)	Showing the ability to communicate the system of regulations and legislation in the field of Animal Science, and other matters related to it to the wider community and industry comprehensively	>80-100	1
Good (3)	Showing the ability to communicate the system of regulations and legislation in the	>70-80	0.75

	field of Livestock, and other related matters to the wider community and industry well		
Moderate (2)	Showing the ability to communicate the system of regulations and legislation in the field of Livestock, and other related matters to the wider community and industry in limited way	>60-70	0.5
Poor/Bad (1)	Showing the ability to communicate the system of regulations and legislation in the field of Livestock, and other related matters to the wider community and industry in very limited way .	≤60	0.25
Score Level	CLO and PLO	Conversion	PLO score
PLO 2: Contribute to the improvement and advancement of the quality of life in society, nation, and state PLO 7: Able to demonstrate independent, quality, and measurable performance (both quality and quantity) effectively, efficiently, and sustainably CLO 3: Able to apply (able to act) and enforce the Livestock Regulations in everyday life, both in formal and non-formal conditions			
Very Good (4)	Showing the understanding of concepts and applying (able to act) comprehensively related to enforcing the Livestock Laws in everyday life, both formal and non-formal conditions	>80-100	0.5
Good (3)	Showing the understanding of concepts and applying (able to act) well related to enforcing the Livestock Laws in everyday life, both formal and non-formal conditions	>70-80	0.375
Moderate (2)	Showing the understanding of concepts and applying (able to act) in limited way related to enforcing the Livestock Laws in everyday life, both formal and non-formal conditions	>60-70	0.25
Poor/Bad (1)	Showing the understanding of concepts and applying (able to act) in very limited way related to enforcing the Livestock Laws in everyday life, both formal and non-formal conditions	≤60	0.125

$$\frac{\text{LevelSkor}}{\sum \text{levelskor}} \times \frac{\sum \text{CLO}}{\sum \text{PLO}}$$

Counting PLO Score:

Lecture Portfolio

	UNIVERSITY OF BRAWIJAYA FACULTY OF ANIMAL SCIENCE DEPARTMENT OF ANIMAL SCIENCE		
Course: Registration and Regulations of Animal Industry	Code: PEF4016	RMK/Contract Quality Plan:	Semester: 2
Lecturers	<ol style="list-style-type: none"> 1. Prof. Suyadi 2. Prof. Woro Busono 3. Dr. Ir. Puguh Suryowardoyo, MP 4. Dr. Ir. Edhy Sudjarwo, MS 5. Dr. Ir. M. B. Hariyono, MS 6. Dr. Ir. Suprih Bambang S, MS 7. Dr. Agus Susilo, S.Pt. MP 8. Firmansyah Tri Saputra, S.Pt, MP 9. Wike Andree Septian, S.Pt. MS 		
<p>INTRODUCTION (Describe the explanation needed about this course, experiences that have been conducted)</p> <p>Law and Regulation of Livestock course discusses various aspects of the Regulation on Breeding System in the field of Breeding Systems, feed, livestock cultivation, livestock equipment and machinery, livestock product processing, livestock industry, regulation of the entry and exit of feed, livestock and materials of animal origin from and to abroad, licensing issues for livestock business, animal quarantine, and Animal/Chicken Slaughterhouse.</p>			
1	<p>Objectives (Describe general and specific course objectives)</p> <ol style="list-style-type: none"> 1. To understand and master the basic concepts of law in the field of Livestock, Animal Welfare, Human Resources in the field of Livestock based on noble divine values and national morals 2. Able and courageous to communicate the system of regulations and law in the field of Animal Science, and other matters related to it to the wider community and industry. 3. Able to apply (able to act) and enforce the Livestock Regulations in everyday life, both in formal and non-formal conditions 		
2	<p>Learning Strategy (Describe the strategies used to achieve course objectives - CLO/Course Learning Outcome)</p> <p>Learning strategies conducted in lectures are giving lectures, discussions, structured assignments, quizzes, and group presentations</p>		
3	<p>Lecture Management (Describe the management of lectures: lectures, tutorials, practicum, assignments, major assignments, etc.)</p> <ol style="list-style-type: none"> 1) Lecture: 50 minutes/meeting (14 meetings) 2) Structured task/quiz/group presentation 3) Attendance: 80 % of total attendance 		
4	<p>Lecture Content (explain its suitability with the applicable curriculum)</p>		

	<ol style="list-style-type: none"> 1. Introduction and discussion of material and evaluation system <ul style="list-style-type: none"> - Structure of Laws and Regulations in Indonesia - Laws of Livestock - The urgency and role of understanding the rules and regulations to strengthen professional authority - Law 18/2009 and Law 41/2014, Article 1, paragraphs 1-25 2. Law of the Republic of Indonesia number 41 of 2014 concerning livestock and animal health <ul style="list-style-type: none"> - Law 18/2009, Law 41/2014, policies for: - Principles and Objectives - Resource - Seeds/Breeds - Feed - Cultivation/Farming - Tools and machines - Marketing, processing, business - Animal welfare - Livestock Empowerment 3. Guidelines for the preservation and utilization of livestock genetic resources <ul style="list-style-type: none"> - General requirements - SDGH/AnGR MANAGEMENT (Definition of SDGH, Utilization of AnGR) - Preservation of AnGR (Exploration, Conservation (in situ and exsitu), determination of conservation areas) - LIVESTOCK BREEDING - Import and export of AnGR - Information system and information network for AnGR and Animal Breeding 4. Animal, Fish and Plant Quarantine <ul style="list-style-type: none"> - Implementation of livestock cultivation (type, area, cultural pattern, organizer, cooperation and partnership) - Cultivation protection - Financing and supervision 5. Guidelines for the import and export of animal-based feed ingredients to and from the territory of the Republic of Indonesia 6. Guidelines for the entry and release (import and export) of livestock breeding and or seeds from and to the territory of Indonesia 7. Manual of livestock tools and machine 8. Midterm Exam 9. Guidelines for Competency Test of Breeds Supervisors and Feed Quality Functional Officials 10. Guidelines for Slaughterhouses (Slaughterhouses and Poultry Slaughterhouses) 11. Guidelines for the entry of plant-based feed ingredients 12. Guidelines for the entry of meat carcasses and rules 13. Stipulation of Seed Source Zoning 14. Guidelines for Pet Cultivation 15. Presentation of course assignments 16. Final Exam
5	Lecture Participants (give an overview of the lecture participants) The lecture participants are students of 2 nd semester
6	Attendance Percentage (% attendance of lecturers; % attendance of students) % lecturer attendance: 100%

	% attendance of students: 80%
7	Evaluation System (explain homework, quizzes, group assignments, practicum, etc.) Midterm-Test: 35% Final Test:35 % Structured Assignment: 20% Quiz:10%
8	Class Observation (explain important and interesting things encountered during the lecture) Attendance, Activeness in discussions and Compliance with Assignments
9	Learning Outcomes (explain about the achievement of the goals that have been set, also include learning outcome that can be explained) <ol style="list-style-type: none"> 1. Believing in God Almighty, based on Pancasila, has social sensitivity and concern for the nation 2. Contribute to the improvement and advancement of the quality of life in society, nation, and state 3. Able to demonstrate independent, quality, and measurable performance (both quality and quantity) effectively, efficiently, and sustainably
10	Obstacles (give an overview of the main obstacles in learning)
11	Score Distribution (provide the score distribution following the learning outcome of this course) Midterm-test: 35% Final Test:35 % Structured Assignment: 20% Quiz:10%
12	Conclusion
13	Improvement Recommendations
	Appendices: <ol style="list-style-type: none"> 1. 2. etc.