


COURSE LEARNING PLAN

	UNIVERSITY OF BRAWIJAYA FACULTY OF ANIMAL SCIENCE DEPARTMENT OF ANIMAL SCIENCE UNDERGRADUATE STUDY PROGRAM OF ANIMAL SCIENCE LEARNING PLAN: THE ECONOMY OF LIVESTOCK PRODUCTION			
Course	Code	Weight (credits)	Semester	Compilation Date
Livestock Production Economics	PES62003	3	4	July 28, 2020
Authorization	Course Coordinator		Head of Undergraduate Study Program of Animal Science	Vice Dean 1
	Dr.Ir. Umi Wisaptiningsih,MS		Dr. Herly Evanuarini, S.Pt., MP	Dr. IR. M. Halim Natsir, S.Pt. MP. IPM. ASEAN. Eng
Learning Outcome (LO)	LO			
	<ul style="list-style-type: none">1. Able to develop comprehensive insight and mindset according to the science and field of the animal industry (ILO 4)2. Able to cooperate effectively and carry out a self-evaluation process towards the workgroup under their responsibility (ILO 8)			
	Course Learning Outcome/CLO			
	<ul style="list-style-type: none">1. Students are able to project economic activities, economic resources, economic principles and approaches, economic actors in the livestock industry2. Students are able to analyze the theory and concepts of costs, revenues, benefits and functions3. Students are able to design and evaluate the relationship of input-input, input-output, output-output.			
Brief Course Description	This course consists of an understanding of economic activities, economic resources, economic principles and approaches, economic actors, theories and examples of applications of micro and macroeconomic activities, theories and concepts of factors of production, theories and concepts of costs, revenues, profits and functions, relationships input-input, input-output, output-output and the concept of linear programming			
Topics	<ul style="list-style-type: none">1. Lecture contract, introduction outline of economics, production and livestock and scope2. Economic resources, economic approaches and economic actors3. Theory of Demand and Theory of Supply4. Market type/structure5. Elasticity6. Macroeconomic theory (APBN/, Inflation, GDP-PNB)7. Fiscal and monetary policy8. Mid-term test9. Definition of Production and Production Process10. Input-output relation11. Input-input relation12. Output-output relation13. Concept of cost, revenue and profit14. BEP, MOS15. Linear Programming			

		16. Final Exam				
References		1. Pengantar Teori Mikroekonomi (Sadono Sukirno) 2. Pengantar Teori Ekonomi Pendekatan Mikro dan Makro (Suherman Rosyidi) 3. Ilmu Usahatani (Prof.Dr Soeharto Prawirokusumo,M.Sc) 4. Principles of Agricultural Economics (Andrew Barkley and Paul W Barkley)				
Learning Media		Software		Hardware		
		Video, Power Point, e-book		Laptop, LCD, reference book		
Teaching Team		1. Dr.Ir. Umi Wisaptiningsih,MS 2. Dr.Ir. Bambang Ali Nugroho,DEA.IPM.ASEAN Eng 3. Prof. Dr. Budi Hartono ,MS.IPU.ASEAN Eng 4. Ir. Hari Dwi Utami,MS.M.Appl,Sc.Ph.D.IPM.ASEAN Eng 5. Dr. Ir. MB Hariyono,MS 6. Prof.Dr.Ir.Zaenal Fanani,MS.IPU 7. Dr.Nanang Febrianto,S.Pt.,MP 8. Jaisy Aghniarahim Putritamara,S.Pt.,MP				
Prerequisite Course		-				
Week	Sub-CLO	Indicator	Learning Material/Topic	Learning Method	Criteria & Form of Assessment	Scoring Weight (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1. Obeying the study contract and familiarize yourself with the agreed rules in class 2. Students are able to describe the concept of economics, production and livestock as the scope	1. Students follow the lecture guidelines and familiarize themselves with the rules 2. Students describe the economic theory of production in the world of livestock	1. Lecture contract regarding: lecture material for 1 semester, the composition of Mid-term test, Final Exam scores, practicum, assignments and quizzes	<i>Student-centered Learning</i> <i>Small group discussion</i>		
2	Students are able to determine resources, economic approaches and economic actors/entrepreneurs	Students determine resources and economic actors in the livestock industry	1. Human resources, financial resources, natural resources 2. Economic actors (farmer households, government and companies)	<i>Student-centered Learning</i> <i>Small group discussion</i>		

3	Students analyze demand and supply	Students are able to analyze supply and demand in the market	<ol style="list-style-type: none"> 1. Definition of the law of supply and demand 2. Factors affecting supply and demand 	<i>Student-centered Learning</i> <i>Small group discussion</i>		
4	Students compare market types	Students are able to compare and analyze market forms and examples	<ol style="list-style-type: none"> 1. Perfect competition market 2. Imperfect competition market 3. Monopoly 4. Oligopoly 5. Monopsony 6. Oligopsony 	<i>Student-centered Learning</i> <i>Small group discussion</i>		
5	Students are able to analyze the elasticity of demand and supply	Students are able to analyze the elasticity of demand and supply in the livestock sector	<ol style="list-style-type: none"> 1. Price Elasticity 2. Income elasticity 3. Cross elasticity 4. Supply elasticity 	<i>Student-centered Learning</i> <i>Small group discussion</i>		
6	Students are able to conclude the macroeconomic theory	Students are able to conclude the components in the macroeconomy, such as APBN (state budget), GDP, GNP and inflation and analyze the impact on the livestock business	<ol style="list-style-type: none"> 1. Definition of APBN (state budget) 2. Definition of GDP 3. Definition of GNP 4. Definition of inflation 	<i>Student-centered Learning</i> <i>Small group discussion</i>		
7	Students are able to compare fiscal and monetary policy	Students are able to compare between fiscal and monetary policy	<ol style="list-style-type: none"> 1. definition and examples of Fiscal policy 2. Definition and examples of monetary policy 3. of monetary policy 	<i>Student-centered Learning</i> <i>Small group discussion</i>		
8	MID-TERM TEST					
9	Students are able to analyze the concept of Production and Production Process	Students are able to analyze livestock production including MPP, TPP (Technical	<ol style="list-style-type: none"> 1. Definition of production economy 2. Livestock production concept (MPP, TPP and APP) 	<i>Student-centered Learning</i> <i>Small group discussion</i>		

		Product Presentation)				
10	Students are able to analyze the input-output relation	Students are able to analyze the input-output relation, such as cost minimization and profit maximization in the livestock business	1. Optimum combination 2. Profit maximization	<i>Student-centered Learning</i> <i>Small group discussion</i>		
11	Students are able to analyze the concept of input-input relation	Students are able to analyze the relationship between livestock business inputs	1. Definition and analysis of isoquant 2. Definition and analysis of Isocost 3. An optimum combination of inputs	<i>Student-centered Learning</i> <i>Small group discussion</i>		
12	Students are able to analyze the concept of output-output relation	Students are able to analyze the output-output relationship of livestock business	1. Linked relation/join product 2. Complementarity relationships/joins 3. Supplementarity	<i>Student-centered Learning</i> <i>Small group discussion</i>		
13	Students analyze and measure costs, revenues and profits	Students are able to analyze the concepts of costs, revenues and profits, and measure the feasibility of values toward the results of the analysis	1. Fixed cost 2. Variable cost 3. Reception 4. Advantage 5. BEP	<i>Student-centered Learning</i> <i>Small group discussion</i>		
14	Students are able to analyze BEP, MOS	Students are able to analyze BEP, MOS	BEP, MOS	<i>Student-centered Learning</i> <i>Small group discussion</i>		
15	Students analyze and measure the concept of	Students are able to analyze using linear programming and measure	1. Linear programming analysis	<i>Study case</i>		

	linear programming	the feasibility of the value of the analysis results				
16	FINAL EXAM					