



Course Module
 Department of Animal Science
 Faculty of Animal Science
 Universitas Brawijaya

Module name	Livestock Production Economics
Module level	Undergraduate program
Code	PES62003
Subtitle	-
Courses	Livestock Production Economics
Semester(s)	4
Person responsible for the module	Dr.Ir. Bambang Ali Nugroho,DEA.IPM.ASEAN Eng
Lecturer	<ol style="list-style-type: none"> 1. Dr.Ir. Bambang Ali Nugroho,DEA.IPM.ASEAN Eng 2. Prof. Dr. Budi Hartono ,MS.IPU.ASEAN Eng 3. Ir. Hari Dwi Utami,MS.M.Appl,Sc.Ph.D.IPM.ASEAN Eng 4. Dr. Ir. MB Hariyono,MS 5. Prof.Dr.Ir.Zaenal Fanani,MS.IPU 6. Dr.Nanang Febrianto,S.Pt.,MP 7. Jaisy Aghniarahim Putritamara,S.Pt.,MP 8. Puji Akhiroh, S.Pt., M.Sc
Language	Bahasa Indonesia, English
Relation to curriculum	Compulsory/ elective
Type of teaching, contact hours	Contact hours and class size separately for each teaching method: lecture, lesson, project, practical etc.
Workload	Lecture: 14 meetings*100 minutes Practicum: 14 meetings*150 minutes Independent learning: 16 times*150 minutes 90.67 hours/semester for course and 42,50 hours/semester for practical Lecture, Exercise, and private study
Credit points	3 credits or 5.10 ECTS
Requirements according to the examination regulations	-
Recommended prerequisites	-
Module objectives/intended learning outcomes	ILO-4: Able to develop comprehensive insight and mindset according to the science and field of the animal industry ILO-7: Capability to perform an independent, standardized, measurable, effective, efficient and sustainable work ILO-8: Able to cooperate effectively and carry out a self-evaluation process towards the workgroup under their responsibility

	<p>ILO-10: Demonstrating good capability to be independent and to work in team as to identify and analyse problems</p> <p>ILO-12: Capability to ethically design and perform experiments, analyze and interpret data as to provide sustainable problem solving in Animal Science</p>
	Objectives:
	<p>Knowledge: able to project economic activities, economic sources, economic principles and approaches, economic actors in the livestock industry, able to analyze the theory and concepts of costs, acceptance, benefits and functions, able to design and evaluate input-input, input-output, output-output relationships</p>
	<p>Skills: cognitive- Able to know and understand about 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</p>
	<p>Competences: Able to explain about project economic activities, economic sources, economic principles and approaches, economic actors in the livestock industry, able to analyze the theory and concepts of costs, acceptance, benefits and functions, able to design and evaluate input-input, input-output, output-output relationships</p>
Content	<p>Courses:</p> <ol style="list-style-type: none"> 1. Lecture contract, introductory outline of the economy, production and animal husbandry and scope 2. Economic resources and economic approaches and economic actors 3. Demand theory and supply theory 4. Market forms 5. Elasticity 6. Macroeconomic theory (APBN, Inflation, PDBPNB) 7. Fiscal and monetary policy 8. Definition of Production and Production Process 9. Input-output relationship 10. Input-input relationship 11. Output-output relationship 12. The concept of cost, revenue and profit 13. BEP, MOS 14. Linear Programming
Study and examination requirements and forms of examination	<ol style="list-style-type: none"> 1. Midterm exam 2. Final term exam 3. Practicum <p>How to score: Midterm Exam= 40 % Final Exam = 40% Practicum = 20%</p> <p>A : 80 < Final Score ≤ 100 B+ : 75 < Final Score ≤ 80 B : 69 < Final Score ≤ 75 C+ : 60 < Final Score ≤ 69</p>

	<p>C : 55 < Final Score ≤ 60</p> <p>D : 50 < Final Score ≤ 55</p> <p>D+ : 44 < Final Score ≤ 50</p> <p>E : 0 < Final Score ≤ 44</p>
Media employed	Class, Online learning system (Zoom and Google Classroom), projector, screens, e-book and WA Group
Reading list	<ol style="list-style-type: none"> 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)