

Module designation	Advanced animal evaluation and judging
Semester(s) in which the module is taught	Odd Semester
Person responsible for the module	Prof. Dr. Ir. Sumadi, MS., IPU. Ir. Tety Hartatik, S.Pt., Ph.D., IPM. Ir. Dyah Maharani, S.Pt., MP., PH.D., IPM.
Language	Bahasa and English
Relation to curriculum	Specialization's elective
Teaching methods	Classical lecture and discussion
Workload (incl. contact hours, self-study hours)	Total workload: 119 hours Contact hours: <ul style="list-style-type: none"> - Lecture: 35 hours - Academic activity: 42 hours Private study: 42 hours
Credit points	3/0
Required and recommended prerequisites for joining the module	None
Module objectives/intended learning outcomes	<p>Course Outcomes (CO):</p> <ol style="list-style-type: none"> 1. Students are able to comprehend the concept of livestock assessment and evaluation based on quantitative and qualitative performance. 2. Students are able to apply the knowledge in predicting the beef cattle productivity based on exterior performance and the quantitative characteristics which can be seen on each individual. <p>Expected Learning Outcomes:</p> <ul style="list-style-type: none"> - Mastery in Sciences: <ol style="list-style-type: none"> 1. Able to master the current animal science and its application theory. (CO1) 2. Able to master the livestock production science, animal nutrition and feed science, animal products technology, and the livestock social economics in relation to food security and environment. (CO1) - Special skills: <ol style="list-style-type: none"> 1. Able to formulate and solve problems in the national development especially in terms of animal husbandry. (CO2) 2. Able to solve problems and anticipate issues in the development of animal science and industry. (CO2)
Content	This course learns the assessment tools and methods towards the exterior performance, the quantitative characteristics (body measures and weight) and also the assessment towards the carcass performance. The students who have taken this course are expected to comprehend and able to give the assessment towards the animal performance and also the animal product in form of carcass.

Exams and assessment formats	Assessment Components		Course Outcomes (CO)		Percentage (%)			
	1. Midterm exam (written test, take home exam, paper assignment)		CO 1		35			
	2. Final exam (written test, take home exam, paper assignment)		CO 1		35			
	3. Quizzes		CO 1		5			
	4. Take-home written assignments (paper)		CO 2		5			
	5. Practicum		CO 2		20			
	Grade and Score							
	Grade		Score		Grade		Score	
	A		≥80		C+		45-49,9	
	A-		75-79,9		C		40-44,9	
	A/B		70-74,9		C-		35-39,9	
	B+		65-69,9		C/D		30-34,9	
	B		60-64,9		D+		25-29,9	
B-		55-59,9		D		20-24,9		
B/C		50-54,9		E		0-19,9		
Study and examination requirements	The final grade in the module is composed of 35% performance on Midterm exam, 35% final exam, 20% practicum, 5% quiz, 5% paper. Students must have a final grade of 65% or higher to pass.							
Reading list	<ul style="list-style-type: none"> - Hardjosubroto, W. 1994. Aplikasi Pemuliaan Ternak di Lapangan. PT. Gramedia - Widiararana, Jakarta. - Becker, W. A. 1992. Manual of Quantitative Genetics. Fifth Edition. Academic - Enterprises. Pullman. Washington. - Kurnianto, E. 2009. Pemuliaan Ternak. Graha Ilmu. Yogyakarta. Indonesia. - Lasley, J. F. 1978. Genetics of Livestock Improvement. Edisi Ketiga. Prentice Hall. Inc. - Englewood Cliffs. New Jersey. - Falconer, D. S. dan T. F. C. Mackay. 1996. Introduction to Quantitative Genetics. Fourth Edition. Longman Group Ltd. Malaysia. - The latest livestock breeding journals, videos. 							