FACULTY OF AGRICULTURE

Department of Animal Science

UNDERGRADUATE PROGRAM **MODULE HANDBOOK**

Module designation	RANGE LAND MANAGEMENT
Semester(s) in which the module is taught	*7th semester*
Person responsible for the module	Ir. Mira Delima, M. P
Language	Indonesian
Relation to curriculum	Compulsory module for Animal Science Program
Teaching methods	Lecture, lesson, case
Workload (incl. contact hours, self-study hours)	▪ 100 minutes of lecture and discussion per week ▪ 120 minutes of structured tasks per week ▪ 120 minutes of independent activity per week
Credit points	2SCH x (1.6) = 3.2 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	1. Students are able to collaborate in pasture management learning activities. Students are able to explain the scope of theoretical concepts and skills in pasture management. 2. Students are able to contribute to scientific development, improve the quality of research, and provide community service related to pasture management. 3. Students are able to identify vegetation and land suitable for pasture management. 4. Students are able to apply technology to pasture management applications professionally.
Content	This course provide learning the theoretical concepts of pasture management, identify vegetation and land suitable for pasture management, and also apply technology to pasture management applications professionally.
Exams and assessment formats	Essay, case study
Study and examination requirements	51,7 % case method 6,7 % quiz 16,7 % assignment 8,3 % midterm examination 16,7 % final examination

Reading list	Main References 1. Oregon State University Extension Service. (2025, February). *Introduction to pasture and grazing management in Western Oregon*. Oregon State University Extension 2. Briske, D. D. (Ed.). (2017). *Rangeland systems: Processes, management and challenges*. Springer Cham. https://doi.org/10.1007/978-3-319-46709-2 3. McNew, L. B., Dahlgren, D. K., & Beck, J. L. (Eds.). (2023). *Rangeland wildlife ecology and conservation***.** Springer Nature. https://doi.org/10.1007/978-3-031-34037-6 4. Future Beef. (2025, March). *Managing grazing in northern Australia: A graziers guide***.** (Originally published 1999; reviewed March 2025).