FACULTY OF AGRICULTURE
Department of Animal Science

UNDERGRADUATE PROGRAM

Module designation	Agrostology
Semester(s) in which the module is taught	2nd Semester
Person responsible for the module	Ir. Mira Delima, M.P
Language	Indonesia, English
Relation to curriculum	Compulsory module for Agricultural Product Technology Study Program
Teaching methods	Lectures, the use of audio visuals, discussions and questions and answers, group assignments.
Workload	✓ 50 minutes of lecture and discussion per week ✓ 60 minutes of structured tasks per week ✓ 60 minutes of independent activity per week
Credit points	✓ 1 SKS = 1.6 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/ intended learning outcomes	✓ Students understand the scope of agrostology, are able to explain the benefits of forage in the field of animal husbandry, the distribution of grass species and feed legumes, the ecology of grass species and feed legumes, and vegetative and generative reproduction. ✓ Students know and understand the types of forage and legum grasses, vegetative and generative reproduction. ✓ Students have knowledge, understanding and are able to explain the types of forage and legum grasses, vegetative and generative reproduction
Content	This course is one credit hour of theory and is offered in the even semester, providing knowledge about the basic understanding of types of forage plants, including their growth, morphology, distribution, adaptation, production, and nutritional value, as well as the role of these types of forage plants in maintaining the sustainability of land ecosystems.
Exams and assesment formats	● Disciplined, able to work in a team and active in discussions Class
Study and exanation requirements	a. 10% presence b. 25% case project c. 15% quizzes d. 20% midterm examination e. 30% final examination
Reading list	Ndiwa, A. S. S., & Mau, Y. S. 2024. *Dasar-Dasar Agronomi* (Edisi ke-2). Media Sains Indonesia. ISBN 978-623-512-275-5 Ramadhan, N., & Muhsanati. 2023. *Buku Ajar*

	Agroklimatologi. Hei Publishing Indonesia. ISBN 978-623-09-6474-9 Somanjaya, R. 2023. Agrostologi Klasifikasi, Budi Daya dan Pemanfaatan Tanaman Pakan. Perkumpulan Rumah Cemerlang Indonesia, Jawa Barat. Utomo, R. 2021. Konservasi Hijauan Pakan dan Peningkatan Kualitas Bahan Pakan Berserat Tinggi. UGM Press, Yogyakarta.