Module Name	Feeding Programming
Module Level	Undergraduate Program
Code	PEN60010
Subtitle	-
Course	Feeding Programming
Semester (s)	6
Person Responsible for the module	Prof.Dr. Ir.Hendrawan,MRur.Sc
Lecturer	1. Prof. Dr. Ir. Kusmartono 1. Dr, Ir. Muhammad Halim Natsir, SPt.,MP.,IPM., ASEAN Eng
Language	Indonesian language
Relation to curriculum	Study Program: Animal Science Specialization: Animal Nutrition and Food Type: Non Compulsory
Type of teaching, contact hours	1. Lecture: Duration of 100 minutes/meeting 2. Practicum of 150 minutes/meeting 3. Structured Assignments: Duration 4. Presentation: Duration
Workload	a. Lecture: 14 meetings*100 minutes b. Practicum: 14 meetings*150 minutes c. Independent learning: 16 times*150 minutes Course 90.67 hours/semester, practical 42,50 hours/semester
Credit points	3 credits / 5.10 ects
Requirements according to the examination regulations	-
Recommended prerequisites	Statistics and Experimental Design

Module objectives/intended learning outcomes	**ILO**: 1. Capability to analyse the development and implementation of technology through humanities, ethical and scientific value as to provide appropriate solutions and ideas (LO 5). 2. Capability to effectively communicate the thought, concept, implementation and analysis in oral and written form, nationally and internationally (LO 9). 3. Demonstrating good capability to be independent and to work in team as to identify and analyse problems (LO 11)
	Objetives: This course covers understanding in making animal feed databases and their relationship with nutritional value and learning how to solve a problem in animal feed by making mini software.
	Knowledge: Able to learn and self-learn various, diverse, and advanced feed programming methods which are not discussed in this lecture
	Skills Cognitive: Able to analyze real problems and recommend appropriate solutions, particularly those related to the feed programming Phsycomotoric: practical feed programming
	Competences: Student able to practical feed programming
Content	1. Variety of animal feed in tropical and sub-tropical regions 2. The basis for preparing the animal feed database 3. Formulation Theory of Animal Ration 4. Dbase program 5. Introduction to Linear programming 6. Familiarize with Microsoft Office Excel program and its application for creating simple programs for Animal Feed Ration Creation 7. Application of the Ration Compilation Program of Feed Live International
Study and examination requirements	A minimum attendance of 80% to take the Final Exam Multiple Choice/Essay/Group Presentation/etc.

and forms of examination	Midterm Exam: 30% Final Exam: 30% Pass the Practicum Exam: 30% Structured Assignments/quiz: 10% A : 80 < Final Score ≤ 100 B+ : 75 < Final Score ≤ 80 B : 69 < Final Score ≤ 75 C+ : 60 < Final Score ≤ 69 C : 55 < Final Score ≤ 60 D : 50 < Final Score ≤ 55 D+ : 44 < Final Score ≤ 50 E : 0 < Final Score ≤ 44
Media employed	software, Powerpoint, video, laptop, LCD
Reading list	-