

Module Name	Animal Products Technology
Module Level	Undergraduate Study Program of Animal Science
Code	PET60006
Subtitle	-
Courses	Animal Products Technology
Semester (s)	5
Person responsible for the	Dr. Imam Thohari, S.Pt.,MP., IPM
module	
Lecturer	1. Prof. Dr. Ir. Lilik Eka Radiati, MS., IPU.
	2. Prof. Dr. Ir. Djalal R, MS., IPU., ASEAN Eng.
	3. Dr. Khotibul Umam A, S.Pt., M.Si.
	4. Dr. Ir. Imam T, MP, IPM, ASEAN Eng.
	5. Dr. Agus Susilo, S.Pt., MP, IPM, ASEAN Eng.
	6. Dr. Ir. Purwadi, MS.
	7. Dr. Ir. Mustakim, MP., IPM.
	8. Dr. Ir. Manik Erry Sawitri, MP.
	9. Dr. Herly Evanuarini, S.Pt., MP.
	10. Dr. Abdul Manab, S.Pt, MP.
	11. Dr. Dedes Amertaningtyas, S.Pt, MP.
	12. Dr. Premy Puspitawati R, S.Pt, MP
	13. Ria Dewi Andriani, S.Pt, M.Sc
	14. Mulia Winirsya Apriliyani, S.Pt, MP
Language	Indonesian language and English
Relation to Curriculum	Study Program: Animal Science
	Specialization: Animal Science
	Type: Compulsory
Type of Teaching, Contact	Lecture: 100 minutes/meeting
Hours	Independent Study: 150 minutes/meeting
Workload	Course 90.67 hours/semester
	Practical 42.50 hours/semester
	Lecture: 14 meetings*100 minutes
	Independent Study: 16 meetings*150 minutes
Credit points	Course 2 credits or 3.40 ECTS
	Practical 1 credits or 1.70 ECTS
Requirements According to the	Attendance > 80%
Examination Regulations	Final Score > 44
	The final score component:
	1) Midterm Exam 25%
	2) Final Exam 25%
	3) Practical 25%
	4) Assignments 15%



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	5) Quiz 5% 6) Activeness 5%
Pacammandad Praraguisita	Introduction to Animal Product Technology, Animal Product
Recommended Prerequisite	Handling
Madula Objectives / Intended	
Module Objectives / Intended	Capability to analyse the development and implementation of technology through hymanities, ethical and scientific
Learning Outcomes	of technology through humanities, ethical and scientific value as to provide appropriate solutions and ideas (LO 5)
	 Demonstrating good capability to be independent and to
	work in team as to identify and analyse problems (LO 11)
	Capability to implement technology in Animal Science to
	increase productivity, efficiency, quality and sustainability
	based on breeding, nutrition, processing, management as
	well as to organize an entrepreneurship concept and a
	sustainable production system (LO 13)
	Objectives:
	The objective of Animal Product Technology Course is to discusses
	technology and changes in raw materials into food and non-food
	materials in all commodities including milk, meat, eggs, by-
	products and honey using technology applications
	Knowledge:
	Able to recognize and apply the technology in processing and
	preserving of animal food product
	Skills
	Cognitive
	able to understand and recognize the technology in processing and preserving animal products
	Phsycomotoric
	able to evaluate the process and quality of processed animal
	products
	Competences
	1. Able to recognize and comprehend technology in
	processing and preserving animal products
	2. Able to apply technology in the processing of animal
	products
	3. Able to evaluate the process and quality of processed
	animal products
	4. Able to work in groups and convey ideas/notions
Content	Scope of teaching material
	Intermediate Moisture Meat Restructured Meat
	Restructured Meat Moat smoked and Indigenous Product
	Meat smoked and Indigenous Product Fermented Meat
	Fermented Meat Dairy Products using Heat Processing Technology
	J. Daily Froducts using Heat Frocessing Technology



 6. Dairy Products using Cold and Frozen Processing Technology 7. Dairy Products using Fermentation Technology and Traditional Milk Products 8. Dairy Products using Drying Technology 9. Products Processed using Eggshells 10. Products Processed without Using Egg Shells 11. Modern Technology and Traditional Egg Processing 12. Processing of Animal Skins and By-Products for Food 13. Processing of Animal Skins and By-Products for Non-Food 14. Processed Products of Beverages Honey, Crystallized Honey, Royal Jelly, Bee Pollen, Propolis Examination requirements: A minimum attendance of 80% to take the Final Exam The forms of the test: Multiple Choices/Essay/Group The final score component: Midterm Exam 25% Final Exam 25% Practicum 25% Assignments 15% Quiz 5% Activeness 5% A: 80 < Final Score ≤ 100 8+: 75 < Final Score ≤ 80 8: 69 < Final Score ≤ 75 6: 60 < Final Score ≤ 69 7: 55 < Final Score ≤ 60 7: 50 < Final Score ≤ 55
D+ : 44 < Final Score ≤ 50
E: 0 < Final Score ≤ 44
Projector and screens, Zoom application, Google Classroom, e-book, WA Group
 Thohari, I., Padaga, M., Mustakim, Rahayu, P.P. 2017. Buku Ajar Teknologi Hasil Ternak. UB Press. Malang. Journal of Milk and Food Technology: Official Bimonthly Publication of the International Association of Milk Sanitarians, Volume 12. G Feiner. 2006. Meat Products Handbook - 1st Edition. Woodhead Publishing. Varnam, A., Sutherland, J.M. 1995. Meat and Meat Products: Technology, Chemistry and Microbiology.



