

**UNDERGRADUATE PROGRAM**

**MODULE HANDBOOK**

Module designation	Management of Poultry Industry
Semester (s) in which the module is taught	6 <sup>th</sup> Semester
The person responsible for the module	Dr. M. Aman Yaman, M.Agric., Sc
Language	Indonesia, English
Relation to curriculum	Concentration Modules
Teaching methods	Lecture, discussion, project learning
Workload	<ul style="list-style-type: none"> <li>● 100 minutes of lecture and discussion per week</li> <li>● 120 minutes of structured tasks per week</li> <li>● 120 minutes of independent activity per week</li> </ul>
Credit Points	2 SKS = 3,2 ECTS
Required and recommended prerequisites for joining the module	Poultry Science (PTK215)
Modules objectives/intended learning outcomes	<ul style="list-style-type: none"> <li>● Students understand the scope of the material to be obtained in the Poultry Industry Management course, the learning system and the value of obligations and tasks</li> <li>● Students understand and are able to manage the broiler chicken industry/business</li> <li>● Students understand and are able to manage the egg-laying chicken industry/business.</li> <li>● Know and are able to manage the egg-laying and meat duck industry.</li> </ul>
Content	This course explores the development of the poultry industry in Indonesia, including the breeding and hatchery industry, commercial chicken production, local poultry enterprises, as well as supporting industries such as feed, veterinary medicine, and equipment. It also covers the poultry slaughterhouse (RPA) industry and poultry product processing.
Exams and assessment methods	Practical, Project-based learning, discussion
Study and examination requirements	<ul style="list-style-type: none"> <li>● Case Method 30%</li> <li>● Quiz 10%</li> <li>● Assignment 15%</li> <li>● Midterm Exam 20%</li> <li>● Final Exam 25%</li> </ul>

Reading List	<ol style="list-style-type: none"> <li>1. Jaelani, A. 2021. Proses Produksi dan Uji Kualitas Fisik Pada Industri Pakan. Zukzez Express. Kalimantan Selatan.</li> <li>2. Ma'arif, M. S., Indrawan, R. D., &amp; Rahmawati, F. T. (2023). <i>Strategi Pengembangan Bisnis Perusahaan Hatchery Ayam Broiler di Sulawesi Selatan</i> (Tesis). Bogor: IPB University</li> <li>3. Ali, P. R., Machfud, M., Sukardi, S., Noor, E., &amp; Purnomo, D. (2023). Indonesian Agroindustry Business Agility: Enablers and Challenges in the Poultry Industry Based on ISM Model. <i>Heliyon</i>, 9(3), e16808.</li> <li>4. Yunita, I., Hasibuan, S., &amp; Thaheer, H. (2022). Identification of Key Agility Variables to Improve Poultry Supply Chain Sustainability: Indonesian Case. <i>Industria: Jurnal Teknologi dan Manajemen Agroindustri</i>, 11(2), 117–127.</li> <li>5. IOP Conference Series: Earth and Environmental Science. (2021). The Sustainability Challenges of the Poultry Industry during Pandemic Covid-19. <i>IOP Conf. Series: Earth and Environmental Science</i>, 733(1), 012007.</li> <li>6. Ozenturk, U., Chen, Z., Jamone, L., &amp; Versace, E. (2023). Robotics for Poultry Farming: Challenges and Opportunities. <i>arXiv preprint</i>.</li> </ol>
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