



FACULTY OF AGRICULTURE

DEPARTMENT OF ANIMAL SCIENCE

UNDERGRADUATE PROGRAM

MODULE HANDBOOK

Module designation	Agrotechnopreneurship Practice
Semester(s) in which the module is taught	6 th semester
Person responsible for the module	Prof. Dr. Ir. Samadi, M.Sc
Language	English
Relation to curriculum	Compulsory Modules
Teaching methods	Lecture, interactive discussion, practitioner lectures , small group discussion, Project results
Workload (incl. contact hours,self-study hours)	<ul style="list-style-type: none"> ✓ 2 main activities in 3 months ✓ 2 additional activities in 3 months ✓ 2 supporting activities in 3 months
Credit points	3,2 ects
Required and recommended prerequisites for joining the module	Agrotechnopreneurship
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> ✓ Understand business development and various ideas in entrepreneurship, especially related to technology-based livestock businesses ✓ Explain design thinking in solving a problem, freely search for information related to project assignments in the livestock sector, work together with a team and discover the latest innovations in the livestock sector ✓ Innovate and be creative to produce a business/product design (prototype) based on market-oriented livestock technology by utilizing science and technology.
Content	In this course, students are expected to have the ability to analyze problems, think critically, find solutions, how to work in a team, be trained in discipline, time management, and explore various potentials to create various innovative products in the livestock sector and create prototypes in the form of appropriate technology. in the field of animal husbandry. Apart from that, students are also trained to be able to discuss and express opinions in public and create a project that has selling value to start a business.
Examination and Assesement Formats	Proposal, Log book and Final Report,
Study and examination requirements	<ul style="list-style-type: none"> ✓ 10% Work Ethic and Discipline ✓ 5% Quiz ✓ 15% Poster and short summary ✓ 70% Achievement of Work programme
Reading list	✓ Okhoya, W., & Muchangi, D. (2021). <i>Entrepreneurship in</i>

	<p><i>agribusiness: Strategies and innovations for growth</i>. IGI Global.</p> <p>✓ Sihombing, D. T. H., & Aritonang, R. (2020). <i>Agripreneurship: A breakthrough in the agricultural sector</i>. Deepublish.</p> <p>✓ Kahan, D. (2016). <i>Managing risk in farming: A guide for farm risk management</i>. Food and Agriculture Organization of the United Nations (FAO).</p> <p>✓ FAO. (2021). <i>Youth and agripreneurship in Africa: Policy, practice, and opportunities</i>. FAO & IFAD.</p>
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