



UNIVERSITAS
DIPONEGORO
The Excellent Research University

FACULTY OF
ANIMAL AND
AGRICULTURE SCIENCES

CURRICULUM HANDBOOK

MASTER PROGRAM IN AGRIBUSINESS

FACULTY OF ANIMAL AND AGRICULTURAL SCIENCES
UNIVERSITAS DIPONEGORO



2025



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CURRICULUM HANDBOOK
Master Program in Agribusiness
Faculty of Animal and Agricultural Sciences
Universitas Diponegoro

Semarang, ...
Dean Degree NO .../UN7.5.5/SK/....

Faculty of Animal and Agricultural Sciences Head of Study Program

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Name of Study Program

No.		Name of Study Program	Degree
1	Indonesian	S2 Agribisnis	M.P. (Magister Pertanian)
2	English	Master of Agribusiness	Master of Agriculture

1.	Name of Study Programme	Master of Agribusiness
2.	Level and type of study programme	Master's degree
3.	Licence of Study Programme	SK DIRJEN DIKTI No. 4097/D/T/2006 dated 21 December 2006. SK DIRJEN DIKTI (Extended) No. 8791/D/T/K-N/2011 dated 26 September 2011.
4.	Akreditasi – Decree	BAN-PT No.4121/SK/BAN-PT/AK.Ppj/M/V/2024
5.	Degree	M.P. (Magister Pertanian)/Master of Agriculture
6.	Description	Master Program of Agribusiness Universitas Diponegoro (MAGR-UNDIP) is held based on Implementation Permit No.4097/D/T/2006. Master Program of Agribusiness Universitas Diponegoro is a Study Program within the Faculty of Animal Husbandry and Agriculture, Universitas Diponegoro which specifically educates and produces graduates who are mastering in science and technology, competitive in the field of agribusiness related to food crops, horticulture, plantations, animal livestock, fisheries and forestry as well processed agricultural products
7.	Vision	Becoming a high level of Graduate Programme in Agribusiness specifically in the field of livestock and tropical agriculture
8.	Missions	1. Organising educational system for master degree in the field agribusiness especially livestock and tropical agriculture to produce competitive graduates 2. Developing research activity in the field of agribusiness especially livestock and tropical agriculture in order to support national competitiveness 3. Developing excellent community services in the field of agribusiness especially livestock and tropical agriculture in order to improve community welfare 4. Developing efficient, effective, accountable and transparent educational system
9.	Aims	1. Producing master graduates who expert in the field agribusiness especially livestock and tropical agriculture 2. Producing excellent research in the field of agribusiness especially livestock and tropical agriculture 3. Producing community services in the field of livestock agribusiness and tropical agriculture 4. Producing efficient, effective, accountable and transparent educational system

B. GRADUATE PROFILE AND DESCRIPTION

The Graduate profile is the role of graduate after completing education in accordance with the scientific file/expertise of the study programme.

The description of the graduate profile is an elaboration of the graduate profile that can be used to compile graduate learning outcomes.

NO.	GRADUATE PROFILE	THE DESCRIPTION OF THE GRADUATE PROFILE
1.	Manajer in Agricultural business	1. Expert in managerial skills and having leadership skills in agricultural business and able to developing and applying as well as managing agribusiness resources and technology
2.	Agribusiness entrepreneur	1. Able to develop and manage business in agricultural business in various business scales and develop an entrepreneurial spirit in the field of agribusiness 2. Able to design and create innovative agribusiness activity and opportunities to make a profit 3. Able to encourage and inspire other agribusiness entrepreneurs
3.	Agribusiness planners and policy makers	1. Able to design and implement various planning model 2. Able to plan and recommend an agricultural business 3. Able to formulate and design and implement agribusiness development policies
4.	Researcher	1. Able to develop an agribusiness-based reseach planning 2. Able to develop agribusiness development strategies based on science and technology 3. Able to compile, design, and carry out and disseminate research result in national or international scale
5.	Agribusiness educator	1. Able to design, implement, and develop agribusiness for educational purposes 2. Able to become a professional educator who has orientation or based on the advancement of science and technology in the field of agribusiness
6.	Agribusiness marketers	1. Able to design and develop agribusiness market oportunities and competitiveness 2. Develop a marketing strategy for agribusiness 3. Evaluate agribusiness marketing programmes 4. Develop a better and fair agribusiness marketing and networks

C. GRADUATE LEARNING OUTCOMES

Learning outcome are abilities that must be possessed in accordance with the graduate profile.
Learning outcomes must refers to National Higher Education Standards.

Master of Agribusiness

ILO 1	Graduates are expected to mastering concept in management, macro and micro economics, development strategies, entrepreneurship and communication in agricultural business, graduates will be able to mastering knowledge and skill in technical aspects of agricultural and livestock management, as well as mastering concepts of agricultural business professionally
ILO 2	Graduates are expected to mastering concept and aspect of management efficiency and feasibility in order to make strategic and operational decisions as well as be able to formulate proble solving in the field of agribusiness in a sustainable manner
ILO 3	Graduates are able to uphold human values in carrying out duties based on religion, morals, ethics and contribute to improve the quality of life in society and nation and to create harmonious live based on the value of Pancasila and have sensitivy and concern for society and environment
ILO 4	Graduates are able to apply logical, critical, systematic, and innovative thingking in the context of development and able to implementing science and technology and applies humanities value in accordance with their field of expertise
ILO 5	Graduates are able to apply appropriate and accurate decisions in the context of problem solving in agricultural business based on actual and data analysis method and are able to communicate the result in academic context based on ethic and scientific manner
ILO 6	Graduate are able to conduct agricultural business using the concept of sustainable agriculture by applying quantitative and qualitative analysis and able to design, develop strategies, operate agricultural business in tropical context to improve profitability and ensure environment and government regulations
ILO 7	Graduate are able to apply and manage an agricultural business ranging from farming scale to enterprise (company) according to aspects of production, human resources, finance, marketing the transforming agriculture produce into consumable product and also apply local wisdom and global insight
ILO 8	Graduate are able to identify and analyse problems, potentials and prospects and recommend alternative decision making in the field of agribusiness using scientific method
ILO 9	Graduate are able to design and implement community development method and human resources aspect to increase welfare of community, increase participation, communicate idea both oral and writing skill in a structured and comprehensive manner, utilize information and network to help developing small and medium enterprises based on creative industries.

Matrix of Learning Outcomes and Graduate Profile

Learning Outcomes	Graduate Profile					
	Manager in Agricultural business	Agribusiness entrepreneur	Agribusiness planners and policy makers	Researcher	Agribusiness educator	Agribusiness marketers
ILO 1	☐	☐	☐	☐	☐	☐
ILO 2	☐	☐	☐	☐	☐	☐
ILO 3	☐	☐	☐	☐	☐	☐
ILO 4	☐	☐	☐	☐	☐	☐
ILO 5			☐	☐		☐
ILO 6	☐	☐			☐	
ILO 7	☐	☐			☐	
ILO 8	☐	☐		☐	☐	
ILO 9			☐	☐		☐

LIST OF COURSES

A. PROGRAM DEGREE BY COURSE (Compulsory Courses)

1st SEMESTER

NO	Code	Courses Name	Credits
1	PPAB8101	Supply Chain Management	2
2	PPAB8102	Human Resource Management in Agribusiness	2
3	PPAB8103	Econometrics	2
4	PPAB8104	Ecotourism	2
5	PPAB8105	Leadership and Entrepreneurship	2
Total Credits in 1 st Semester			10

2nd SEMESTER

NO	Code	Courses Name	Credits
1	PPAB8206	Investment Analysis	2
2	PPAB8207	Agribusiness Development System	2
3	PPAB8208	Research Methodology	3
4	PPAB829	Strategy and Development Policy in Agribusiness	2
5	PPAB8210	Planning and Evaluation in Empowerment Program	2
Total Credits in 2 nd Semester			11

3rd SEMESTER

NO	Code	Courses Name	Credits
1		Elective Courses 1	2
2		Elective Courses 2	2
3		Elective Courses 3	2
4	PPAB8331	Seminar Proposal	3
Total Credits in 3 rd Semester			9

4th SEMESTER

NO	Code	Courses Name	Credits
1	PPAB8433	Research Result Seminar	3
2	PPAB8434	Publication	3
3	PPAB8435	THesis	6
Total Credits in 4 th Semester			12
Total Credits in All Semester			42

List of Elective Courses

I. Minor in MANAJEMENT AGRIBUSINESS

No.	Code	Courses Name	Credits
1	LPAB8313	Small and Medium Business Management	2
2	LPAB8314	Operation and Production Management	2
3	LPAB8315	Managerial Accounting	2
4	LPAB8316	International Business	2
5	LPAB8317	Marketing Research	2
6	LPAB8318	Consumer Behaviour	2
7	LPAB8319	Marketing Strategy	2
8	LPAB8320	Business Law in Agriculture	2

II. Minor in Economic and Agribusiness Resources

No.	Code	Courses Name	Credits
1	LPAB8321	Agricultural and Livestock Agribusiness Resources	2
2	LPAB8322	Plantation and Forestry Agribusiness Resources	2
3	LPAB8323	Fisheries Agribusiness Resources	2
4	LPAB8324	Agribusiness Planning	2
5	LPAB8325	Agrotourism Development Strategy	2
6	LPAB8326	Agribusiness Technology	2

III. Minor in Communication Agribusiness

No.	Code	Courses Name	Credits
1	LPAB8327	Food Security Strategy and Policy	2
2	LPAB8328	Agribusiness Development Strategy	2
3	LPAB8329	Communication Strategy	2
4	LPAB8330	Agribusiness Information System	2

B. PROGRAM DEGREE BY RESEARCH**1ST SEMESTER**

NO	Code	Courses Name	Credits
1	LPAB8601	Philosophy of science	2
2	LPAB8602	research methodology	3
3	PPAB8603	Agribusiness development system	2
4	PPAB8604	Research proposal	2
5	PPAB8605	Writing a scientific article	2
Total Credits in 1 st Semester			11

2ND SEMESTER

NO	Code	Courses Name	Credits
1	PPAB8707	Kolokium/Seminar Proposal 1	3
2	PPAB8708	Research	12
Total Credits in 2 ND Semester			11

3RD SEMESTER

NO	Code	Courses Name	Credits
1	PPAB8810	Seminar 2: Research Result Seminar	3
2	PPAB8811	Thesis Writing	3
3	PPAB8812	Publication2	7
Total Credits in 3 RD Semester			14

4TH SEMESTER

NO	Code	Courses Name	Credits
1.	PPAB8914	Thesis	6
Total Credits in 4 TH Semester			6
TOTAL CREDITS IN ALL SEMESTER			42

ASIIN Subject-Specific Criteria (SSC)	Learning Outcomes of the Study Programme	Corresponding Modules
Knowledge and Understanding Graduates		
have profound knowledge and understanding of their technical including engineering specialisation and the further scientific context	ILO 1,2	Human Resource Management in Agribusiness, Econometrics, Ecotourism,
have developed differentiated knowledge and critical awareness of the latest findings in their discipline	ILO 2,3	Agribusiness Development System
have differentiated and advanced knowledge of the legal provisions relevant for their professional field	ILO 7,8	Investment Analysis, Planning and Evaluation in Empowerment Program
have advanced knowledge of quality standards and quality processes as well as their management	ILO 6,9	Research Methodology, Operation and Production Management
Engineering Analysis Graduates		
are qualified to formulate and solve problems arising in new and developing fields of the area of their specialisation	ILO 4,5,8	Research Methodology, Operation and Production Management
are able to use their knowledge and understanding to design scientific including engineering models, systems, strategies, and processes	ILO 3,4,6	Research Methodology, Operation and Production Management
are able to design and apply different methods – such as mathematical analysis, computer-aided model design, practical (laboratory) experiments or plans	ILO 9	Econometrics, Research Methodology, Operation and Production Management
are able to recognise the relevance of the ecologic and economic framework conditions relating to social and health and safety issues	ILO 1,2,7	Economic Environment, Agricultural and Livestock Agribusiness Resources
are qualified to plan, conduct, and evaluate field and laboratory experiments	ILO 4	Research Methodology , Seminar Proposal, Progress Report Seminar, Tesis, Publication
Investigation Graduates		

are qualified to apply suitable methods to pursue investigations or detailed research as to technical-scientific issues in accordance with the status of their knowledge and understanding	ILO 4,6,8	Research Methodology , Seminar Proposal, Progress Report Seminar, Tesis, Publication
are able to identify, locate, and procure required information	ILO 4,6,8	Agricultural and Livestock Agribusiness Resources, Agribusiness Planning, Food Security Strategy and Policy
can define and conduct investigations using the means of analysing, modelling, and experimenting	ILO 4,6,8	Econometrics, Communication Strategy, Agribusiness Information System, Supply Chain Management
are qualified to assess data critically and to draw conclusions	ILO 4,6,8,9	Research Methodology , Seminar Proposal, Progress Report Seminar, Tesis, Publication
are able to investigate the application of new emerging technologies in their scientific discipline	ILO 4,6,8,9	Agribusiness Technology, Communication Strategy, Agribusiness Information System
Engineering Design Graduates		
are qualified to solve problems which are incompletely defined or unusual and show conflicting targets or competing specifications	ILO 1,2,6,7,8,9	Econometrics, Supply Chain Management, Operation and Production Management, Marketing Research
are able to analyse and assess system performance	ILO 2,5,8	Consumer Behaviour, Business Law in Agriculture
are able to use their knowledge and understanding to develop solutions for unusual problems together with the integration of other disciplines	ILO 7,8,9	Econometrics, Research Methodology, Operation and Production Management
can apply their scientific ability to judge when working with complex, technically impure, and incomplete information	ILO 2,5,8	Econometrics, Research Methodology, Operation and Production Management
are qualified to apply innovative methods to problem solving processes	ILO 4,5,8	Research Methodology , Seminar Proposal, Progress Report Seminar, Tesis, Publication

Engineering Practice Graduates		
can combine theory and practice to achieve quality of structures, processes, and results	ILO 1,2,4,	Methodology, Operation and Production Management, Seminar Proposal, Progress Report Seminar, Tesis, Publication
can deal with complex facts and combine knowledge from different fields	ILO 4,5,6	Econometrics, Research Methodology, Operation and Production Management
can develop and implement deductive and inductive methods	ILO 1,2,4	Research Methodology , Seminar Proposal, Progress Report Seminar, Tesis, Publication
have developed a comprehensive understanding of applicable theories, models, techniques, and methods and their limitations	ILO 1,2,6,7,8,9	Research Methodology, Agribusiness Development Strategy, Communication Strategy, Agribusiness Information System
recognise the social, economic, and ecological implications of practical engineering and can assess them	ILO 1,2,6,7,8,9	Operation and Production Management Research Methodology, Agribusiness Development Strategy, Communication Strategy, Agribusiness Information System
Social Competences Graduates		
fulfil the requirements on graduates of's degree programmes with a view to key qualifications on the higher level of Master's degree programmes	ILO 3,9	Research Methodology, Agribusiness Development Strategy, Communication Strategy, Agribusiness Information System
can work effectively as leaders of teams comprising different disciplines and levels	ILO 3,4,6,9	International Business, Research Methodology, Agribusiness Development Strategy, Communication Strategy, Agribusiness Information System
can work and communicate in national and international contexts	ILO 3,4,6,8,9	Research Methodology, Agribusiness Development Strategy, Communication Strategy, Agribusiness Information System