**GRADUATES COMPETENCIES AND**

**LEARNING OUTCOMES OF AGRIBUSINESS STUDY PROGRAM**

**DEPARTMENT OF AGRIBUSINESS**

1. **Graduate Competencies of Agribusiness Study Programs**

* Mastering theory and concept in economics, business and entrepreneurship in strategic and operational decision making and problem solving in tropical agribusiness sector.
* Ability to apply and utilize science, technology and art in solving the tropical agribusiness sector problem which is adaptive to environmental change.
* Ability to formulate strategic and operational decision making in tropical agribusiness through applying quantitative and qualitative methods individually and in a team.
* Having the soft-skill and responsibility in applying science, technology and art in the tropical agribusiness sector in the society.

1. **The Relevance of Graduate Competencies of Agribusiness Study Program to Indonesia National Qualification Frameworks (KKNI Level 6)**

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| **Aspects of Competency of KKNI** | **Competency Descriptors of KKNI**  **Level 6** | **Graduate Competencies of Agribusiness Study Program** |
| Ability in work aspect | Ability to apply their competencies and utilize science, technology and art in their areas of competency to solve problems which is adaptive to environmental change. | Ability to apply and utilize science, technology and art in solving the tropical agribusiness sector problem which is adaptive to environmental change. |
| Knowledge aspect | Mastering theory and concept of generic knowledge and mastering theory and concept of specific knowledge deeply and able to formulate procedural problem solving. | Mastering theory and concept in economics, business and entrepreneurship in strategic and operational decision making and problem solving in tropical agribusiness sector. |
| Managerial skill aspect | * Ability to undertake appropriate decision making based on information and data analysis and ability to provide guidance to choose various alternatives of solution individually and in a team * Ability to take responsibility for their own tasks and ability to take responsibility for the performance of organization or team. | * Ability to formulate strategic and operational decision making in tropical agribusiness through applying quantitytive and qualitative methods individually and in a team. * Having soft-skills and responsibility in applying science, technology and art in the tropical agribusiness sector in the society. |

1. ***Learning Outcomes* (ELO) of Agribusiness Study Program** 
   1. ***Learning Outcomes* (LO) -Ability in work aspect**
2. Able to think critically and to demonstrate problem-solving skills in tropical agribusiness
3. Able to effectively and convincingly present the business ideas in concise written statement, project report paper, and oral presentation
4. Able to identify and to analyze local and global tropical agribusiness environment
5. Able to establish business plan in tropical agribusiness

* 1. ***Learning Outcomes* (LO)-Knowledge aspect**

1. Able to recognize a wide range of perspective within the agribusiness system
2. Able to demonstrate understanding of economics and management theories
3. Able to master concept of agribusiness system
4. Able to master business principles and concepts in tropical agribusiness
5. Able to master entrepreneurial principles and concepts in tropical Agribusiness
6. Able to understand basic knowledge of technology in tropical Agribusiness
7. Able to master an ethical understanding and perspective to tropical agribusiness
8. Able to master concept of agribusiness environment
9. Able to understand business low and ethics on tropical agribusiness
   1. ***Learning Outcomes* (LO)-Managerial skill aspect**
10. Able to demonstrate entrepreneurship and leadership skill in tropical Agribusiness
11. Able to formulate development strategy of tropical agribusiness
12. Able to manage business organization in tropical agribusiness
13. Able to work individually and in teamwork
14. Able to work individually and in teamwork
15. Able to motivate agribusiness community in developing tropical Agribusiness
16. **The Relevance of *Learning Outcomes* to Graduate Competencies of Agribusiness Study Program**

| **Graduate Competencies** | ***Learning Outcomes*** | | ***Sub Learning Outcomes*** | |
| --- | --- | --- | --- | --- |
| 1. **Ability in work aspect** | | | | |
| Ability to apply and utilize science, technology and art in solving the tropical agribusiness sector problem which is adaptive to environmental change. | I.1 | Able to think critically and to demonstrate problem-solving skills in tropical agribusiness |  |  |
| I.2 | Able to effectively and convincingly present the business ideas in concise written statement, project report paper, and oral presentation |  |  |
| I.3 | Able to identify and to analyze local and global tropical agribusiness environment |  |  |
| I.4 | Able to establish business plan in tropical agribusiness |  |  |
| 1. **Knowledge aspect** | | | | |
| Mastering theory and concept in economics, business and entrepreneurship in strategic and operational decision making and problem solving in tropical agribusiness sector. | II.1 | Able to recognize a wide range of perspective within the agribusiness system | II.1.1 | Able to demonstrate understanding of economics and management theories |
| II.1.2 | Able to master concept of agribusiness system |
| II.1.3 | Able to master business principles and concepts in tropical agribusiness |
| II.1.4 | Able to master entrepreneurial principles and concepts in tropical agribusiness |
|  | II.1.5 | Able to understand basic knowledge of technology in tropical agribusiness |
| II.2 | Able to master an ethical understanding and perspective to tropical agribusiness environment | II.2.1 | Able to master concept of agribusiness environment |
| II.2.2 | Able to understand business low and ethics on tropical agribusiness |
| 1. **Managerial skill aspect** | | | | |
| Ability to formulate strategic and operational decision making in tropical agribusiness through applying quantitative and qualitative methods individually and in a team. | III.1 | Able to demonstrate entrepreneurship and leadership skill in tropical agribusiness | III.1.1 | Able to formulate development strategy of tropical agribusiness |
|  |  | III.1.2 | Able to manage business organization in tropical agribusiness |
| Having soft-skills and responsibility in applying science, technology and art in the tropical agribusiness sector in the society. | III.2 | Able to work individually and in teamwork | III.2.1 | Able to do the task individually and in teamwork |
| III.2.2 | to motivate agribusiness community in developing tropical agribusiness |

1. **The Relevance of *Learning Outcomes* to Scientific Disciplines of Agribusiness Study Program**

Scientific Disciplines of Agribusiness are Interfaces of economics, social, management, business, entrepreneurship and engineering sciences. **The relevance of learning *outcomes* to scientific disciplines of Agribusiness Study Program is described as follows:**

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| **Leaning Outcomes** | **Scientific Disciplines** | | | | | | |
| **Economics** | **Social** | **Management** | **Business** | **Entrepre-**  **neurship** | **Engineering** | **Methods of Analysis** |
| I.1 | √ |  | √ | √ | √ |  | √ |
| I.2 |  |  | √ | √ | √ |  |  |
| I.3 | √ | √ | √ | √ | √ | √ | √ |
| I.4 |  |  |  | √ | √ |  |  |
| II.1 |  |  |  |  |  |  |  |
| II.1.1 | √ |  | √ |  |  |  |  |
| II.1.2 |  |  |  | √ |  |  |  |
| II.1.3 |  |  | √ | √ | √ |  |  |
| II.1.4 |  |  |  | √ | √ |  |  |
| II.1.5 |  |  |  |  |  | √ |  |
| II.2 |  |  |  |  |  |  |  |
| II.2.1 |  |  |  | √ | √ |  |  |
| II.2.2 |  |  |  | √ | √ |  |  |
| III.1 |  |  |  |  |  |  |  |
| III.1.1 |  |  | √ | √ | √ |  | √ |
| III.1.2 |  |  | √ | √ | √ |  |  |
| III.2 |  |  |  |  |  |  |  |
| III.2.1 |  | √ | √ |  | √ |  |  |
| III.2.2 |  | √ |  |  | √ |  |  |