



**HASANUDDIN
UNIVERSITY**

**Agricultural
Engineering**
Bachelor Program

2023 MODULE DESCRIPTION

BACHELOR PROGRAM
AGRICULTURAL ENGINEERING
FACULTY OF AGRICULTURE
HASANUDDIN UNIVERSITY
2023



Agroindustrial Management

Elective

Module designation	<i>Agroindustrial Management</i>
Semester(s) in which the module is taught	<i>Elective</i>
Person responsible for the module	<ul style="list-style-type: none"> • Prof. Dr. Ir. Mursalim • Dr. Iqbal, STP., M.Si
Language	<i>Indonesi</i>
Relation to curriculum	<i>Elective</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<p><i>(Estimated) Total workload:</i> $2 \text{ SKS} \times 1.7 = 3.4 \text{ ECTS} = 91.8 \text{ hours}$</p> <ul style="list-style-type: none"> • <i>Lecture = 23.3 hours</i> • <i>Excercise = 28 hours</i> • <i>Sel study = 28 hours</i> • <i>Exam = 4 hours (MID term and final)</i> • <i>Exam preparation = 8.5 hours</i>
Credit points	<i>2 SKS = 3.4 ECTS</i>
Required and recommended prerequisites for joining the module	<i>Agroinformatics Information System</i>
Module objectives/intended learning outcomes	<p><i>ILO 6 : Design simple equipment, components, or processes needed in agricultural engineering operations; (Skill 2)</i></p> <p><i>ILO 8 : Demonstrate capacity in operating agricultural engineering related business either as producer or service provider; (Competence 2)</i></p>
Content	<i>The purpose of this course is to enable students to articulate the concept of agro-industrial management by aligning technoware, humanware, infoware with Organware. The material of this course discusses concepts of technology, agro-industry, technology and agro-industry management, characteristics of technology and agro-industry, research and development strategies in agro-industry, technology change and transfer, as well as agro-industry technology strategies.</i>
Examination forms	<i>Writing</i>
Study and examination requirements	<i>Attendance above 80%</i>
Reading list	<ul style="list-style-type: none"> • <i>Frankel, E.G. 1990. Management of Technological Change: The Great Chalange of Management to the Future. Dordrectit, Kluwer Academic Publ.</i> <i>Gumbira – Said, Racmayanti dan Zahrul Muttaqin, 2001. Manajemen Teknologi , Ghalia Indonesia.</i> <i>Sharif, N. 1993. Rationale and The Framework for Tecnology Management Information system. Volume 1. LIPI – Jakarta.</i> <i>Steele,L. W. 1988. Managing Tecnology : The Strategic View. New York, Mc Graw – Hill Book Comp.</i>

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| | <ul style="list-style-type: none">• <i>Tjakraatmadja, R.L. 1997. Manajemen Teknologi, Bandung, Studio Manajemen Teknik Industri, ITB</i>• <i>Twiss, B, C. 1992. Managing Technological Innovation, London, Pitman Publik.</i> |
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