

## Module Handbook of Forestry and Plantation Agribusiness Applications

A Module Handbook or collection of module descriptions that is also available for students to consult should contain the following information about the individual modules:

Module designation	This course explains the concept of agribusiness management in the field of plantation and forestry at both the on-farm and off-farm levels. This course provides students with knowledge about the role of plantation and forestry in the national economy, management of plantation and forestry companies related to production and processing management, finance, Human Resources (HR), risks, and marketing.
Module level, if applicable	Graduate (Master Level)
Code, if applicable	PNM20246009
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	2nd Semester
Person responsible for the module	Dr. Ir. Lestari Rahayu Waluyati, M.P.
Lecturer	<ol style="list-style-type: none"><li>1. Prof. Dr. Ir. Lilik Sutiarso, M.Eng.</li><li>2. Dr. Ir. Lestari Rahayu Waluyati, M.P.</li><li>3. Dr. Ir. Ambar Kusumandari, M.E.S.</li><li>4. Prof. Dr. Ir. Benito Heru P., M.P.</li></ol>
Language	Indonesian
Relation to curriculum	2nd Semester, Elective Course
Type of teaching, contact hours	<p>Activities:</p> <ol style="list-style-type: none"><li>1. Lecture offline (lecture, discussion, assignment)</li><li>2. Examinations (mid-term and final exam)</li></ol> <p>This course uses case/project base learning method</p>

Workload	<ol style="list-style-type: none"> <li>1. Lecture 3 SKS x 50 minutes x 16 meetings = 2,400 minutes = 40 hours = 40 hours/30 hours = 1.33 ECTS</li> <li>2. Structural Assignment 3 SKS x 50 minutes x 16 meetings = 2,880 minutes = 48.00 hours = 48.00 hours/30 hours = 1.6 ECTS</li> <li>3. Self Study 3 SKS x 50 minutes x 16 meetings = 2,880 minutes = 48.00 hours = 48.00 hours/30 hours = 1.6 ECTS</li> </ol> <p style="text-align: center;">Total Workload = 4.53 ECTS</p>
Credit points	3 credit points
Requirements according to the examination regulations	Students who have a minimum attendance of 70% from total lecture meeting (10 meetings minimum attendance from total in 16 times lecture meetings) are allowed to take examination
Recommended prerequisites	-
Module objectives/intended learning outcomes	<p>Course Learning Outcome (CLO):</p> <ol style="list-style-type: none"> <li>1. CLO1: Students able to identify issues in contemporary food and horticulture agribusiness.</li> <li>2. CLO2: They can conduct financial analysis of food and horticulture commodities.</li> <li>3. CLO3: They are capable of formulating agribusiness plans for food and horticulture.</li> </ol> <p>Program Learning Outcome (PLO):</p> <ol style="list-style-type: none"> <li>1. GLO 2.1 Able to explain and link management theories and applications comprehensively and inter/multidisciplinary in the field of agribusiness.</li> <li>2. GLO 2.2. Able to analyze problems in the field of agribusiness and evaluate alternative solutions based on theory and application of agribusiness management.</li> <li>3. GLO 4.1. Able to design innovative agribusiness management models according to the development of science and technology.</li> </ol>

Content	<p>CLO 1</p> <ol style="list-style-type: none"> <li>1. The Role of Plantation and Forestry in the National Economy (AGB)</li> <li>2. Plantation Agribusiness Planning (AGB)</li> <li>3. Management of Resources in Plantation and Forestry Agribusiness (AGB)</li> <li>4. The Concept of Plantation Agribusiness (AGB)</li> <li>5. The Concept of Plantation Agroindustry (TP)</li> <li>6. The Concept of Technology in Agroindustry (TP)</li> <li>7. The Role and Function of Forestry (Forestry)</li> <li>8. The Type and Function of Forestry Exploitation (Forestry)</li> <li>9. The Concept and Application of Forestry Intrinsic Value (Forestry)</li> </ol> <p>CLO 2</p> <ol style="list-style-type: none"> <li>1. Analysis and Financial Risk of Plantation Operations (AGB)</li> </ol> <p>CLO 3</p> <ol style="list-style-type: none"> <li>1. Calculation of Optimum Rotation from The Economic Perspective (AGB)</li> <li>2. The Feasibility study in Plantation and Forestry (AGB)</li> </ol>
Study and examination requirements and forms of examination	<p>Lecture (including small group discussion and quiz)</p> <p>Self-study</p> <p>Assignment</p> <p>Examination (midterm and final exam)</p>
Media employed	<p>Laptop, LCD, PPT, smartphone, Wi-Fi, Google classroom, stationery, whiteboard</p>
Reading list	<ol style="list-style-type: none"> <li>1) Astuti, M., Hafiza, E. Yuningsih, I.M. Nasution, D. Mustikawati, dan A.R. Wasingun. 2014. Pedoman Budidaya Kelapa Sawit (<i>Elaeis guineensis</i>) yang Baik. Direktorat Jenderal Perkebunan Kementerian Pertanian. ISBN 978-979-1109-67-3.</li> <li>2) Howe, Charles W. 1979. Natural Resource Economics Issue, Analysis and Policy. John Willy&amp;Sons, New York-Chisaster-Brisbane- Toronto-Singapore.</li> <li>3) Indrawanto, C., Purwono, Siswanto, M. Syakir. S. J. Munarso J. Pitono, W. Rumini. 2012. Budidaya &amp; Pascapanen Tebu. IAARD Press. Pusat Penelitian dan Pengembangan Perkebunan. Badan Penelitian dan Pengembangan Pertanian. Kementerian Pertanian. ISBN 978-979-8451-75-1</li> <li>4) Suyanto, Yantuk. 1996. Hutan Kemasarakatan dan Manfaatnya. Duta Rimba Januari-Februari/187-188-188/XX/1996</li> <li>5) Warsito, Sofyan P. 2001. Pengantar Ilmu Kehutanan. Fakultas Ilmu Kehutanan Universitas Gadjah Mada.</li> </ol>