

<b>Module Name</b>	<b>Agronomic: Development, Growth, and Propagation</b>
<b>Module Level, if applicable</b>	Beginner
<b>Code if Applicable</b>	0210205729
<b>Subtitle, if applicable</b>	-
<b>Courses, if applicable</b>	0210205729 (Agronomic: Development, Growth, and
<b>Semester(s) in which the module is taught</b>	1
<b>Person responsible for the module</b>	Dr. Ir. Agus Zainudin, MP. Dr. Ir. Maftuchah, MP.
<b>Lecturer</b>	Dr. Ir. Agus Zainudin, MP. Dr. Ir. Maftuchah, MP.
<b>Language</b>	Indonesian
<b>Relation to curriculum</b>	Compulsory Courses for undergraduate program in Department of Agrotechnology, Faculty of
<b>Type of teaching, contact hours</b>	Lecture, Project, Independent Learning, Lab Work
<b>Workload</b>	<ul style="list-style-type: none"> <li>· Lecture : 2 sks × 50 minutes × 16 weeks</li> <li>· Project : 2 sks × 60 minutes × 16 weeks</li> <li>· Independent Learning 2 sks × 60 minutes × 16 weeks</li> <li>· Lab Work: 1 sks × 170 minutes × 16 weeks</li> </ul>
<b>Credit points</b>	SKS 3 SCH x (1.5) = 4.5 ECTS
<b>Requirements according to the examination</b>	1. Registered in this course 2. Minimum 80% attendance in this course
<b>Recommended prerequisites</b>	No Prerequisites
<b>Module Objectives (Intended learning outcomes)</b>	<p>On successful completion in this course, student should be able to:</p> <ul style="list-style-type: none"> <li>· Understand the classification of plants based on age and preparation of land and planting sites as well as plant growth and plant development</li> <li>· Understand soil and environmental factors for plant growth and cropping patterns</li> <li>· Understand plant fertilizer and fertilizer control plant pest bodies plant cultivation systems and techniques</li> </ul>
<b>Module Content</b>	In this course, students learn about the basic concepts of agronomy, the importance of agronomy in agricultural production, energy and its components in agronomy, the role of agronomy in the provision of food and nutrition, classification of plants by age, preparation of land and planting sites, generative and vegetative propagation of plants, propagation Plants with In-vitro Culture Technology to plant cultivation systems and techniques

<b>Study and examination requirements and forms of examination</b>	<b>Cognitive:</b> Midterm exam, Final exam, Quizzes, Assignments <b>Psychomotor:</b> Practice <b>Affective:</b> Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort.
<b>Media employed</b>	Classical teaching tools with white board and power
<b>Recommended Literature</b>	For Class
	E. Compulsory - Principles of Crop Production: theory, techniques and technology. Acquaaah G. 2002. - Principles of Crop Production, George Acquaaah, 2004 - Fundamental of Agronomy, R.L. Arya, 2020 - Jurnal-jurnal Penelitian dalam bidang Agronomi - Plant Tissue Culture: Current Status and Opportunities, Hussain et al. 2012 - General principles of organic plant production, Maria R. Finckh et al. 2015 - Introduction to Plant Biotechnology, ByH.S. Chawla, 2018
<b>Date of Last Amendment</b>	22nd August 2022