

Module Name	Horticultural Crops Management
Module Level, if applicable	Intermediate
Code if Applicable	0310204783
Subtitle, if applicable	-
Courses, if applicable	0310204783 (Horticultural Crops Management)
Semester(s) in which the module is taught	3
Person responsible for the module	Dr. Ir. Syarif Husen, MP.
Lecturer	Dr. Ir. Syarif Husen, MP.
Language	Indonesian
Relation to curriculum	Compulsory Courses for undergraduate program in Department Agrotechnology, Faculty of Agriculture and Animal Science
Type of teaching, contact hours	Lecture, Project, Independent Learning, Lab Work
Workload	<ul style="list-style-type: none"> ● Lecture : 2 sks × 50 minutes × 16 weeks ● Project : 2 sks × 60 minutes × 16 weeks ● Independent Learning 2 sks × 60 minutes × 4 weeks ● Lab Work: 1 sks × 170 minutes × 16 weeks
Credit points	SKS 3 SCH x (1.5) = 4.5 ECTS
Requirements according to the examination regulations	<ol style="list-style-type: none"> 1. Registered in this course 2. Minimum 80% attendance in this course
Recommended prerequisites	No prerequisites
Module Objectives (Intended learning outcomes)	<p>On successful completion of this course, student should be able to:</p> <ul style="list-style-type: none"> ● Analyze the basics of horticulture and the development of world and Indonesian horticulture. ● Analyze and evaluate horticultural cultivation and production techniques (both fruit plants, vegetables, ornamental plants, and herbs), ● Basic treatment to post-harvest agricultural products and post-harvest handling techniques for horticultural commodities.

Module Content

This course presents material and basic concepts as well as theories about the differences between seeds, seeds, and seedlings; the theory of the formation of the structure and function of the seed (embryo axis, radicle, plumule, cotyledon, endosperm, etc.); the concept of germination, seed production, seed quality testing, seed storage, and utilization