

Module designation	<i>Container Gardening Technology</i>
Semester(s) in which the module is taught	<i>7th</i>
Person responsible for the module	<i>Ir. Yohannes C Ginting, M.S</i>
Language	<i>Indonesian language</i>
Relation to curriculum	<i>elective</i>
Teaching methods	<i>Lectures (100 minutes) Practicum sessions (170 minutes)</i>
Workload (incl. contact hours, self-study hours)	<i>Contact hours : 14 weeks x 100 minutes Structured learning: 14 weeks x 120 minutes Independent study: 14 weeks x 120 minutes Practicum sessions: 14 weeks x 170 minutes</i>
Credit points	<i>3 (2-1) CP or 4.76 (ECTS) ((14 weeks x 100 minutes) + (14 weeks x 120 minutes) + (14 weeks x 120 minutes) + (14 weeks x 170 minutes)) : 60 minutes/hour = 119 hours : 25 study hours/ECTS = 4.76 (ECTS)</i>
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> - <i>Students are able to apply the basic concepts and principles of cultivation technology and the development of sustainable agriculture technology</i> - <i>Students are able to identify, formulate, solve problems, and apply plant science, plant protection, soil science, socio-economic agriculture, and plant production engineering principles that are oriented towards good agricultural practices (GAP)</i> - <i>Students are able to plan, design, implement and develop plant production with the latest and environmentally friendly technology creatively and innovatively</i>
Content	<i>Management of plants in limited growing media, character types of growing media, cultivation of vegetables, fruit and flowers in containers. container plant character. fruit plants and fruit classification, anatomy and morphology, inflorescence planting media, fruit growth and development, aspects of cultivation techniques, aspects of harvest and postharvest for vegetables, fruit and ornamental plants.</i>
Examination forms	<i>oral presentation, essay</i>

<p>Study and examination requirements</p>	<p><i>Participants are evaluated based on their performance in class (lectures) (70%) and lab (practicum) (30%).</i></p> <p><i>Performance in theory (100%):</i> <i>Mid Exam (20%)</i> <i>Final Exam (20%)</i> <i>Assignments (40%)</i> <i>Class participation (10%)</i> <i>Individual quiz (10%)</i></p> <p><i>Performance in practicum (100%):</i> <i>Practicum exam (30%)</i> <i>Pre-test or post-test (10%)</i> <i>Experiment reports (60%)</i></p>
<p>Reading list</p>	<ol style="list-style-type: none"> 1. <i>Berry, S. and S. Bradley. 2000. The Practical Guide to Container Gardening. Torey Publishing. 160p</i> 2. <i>Crawford, P. 2008. Easy Container Gardens. Color Garden Publishing. 172p.</i> 3. <i>Dalbi, C. 2022. Containers in the Garden. Cool Springs Press. 176p</i> 4. <i>Muktiani. 2012. Tabulampot: Tanaman Buah dalam Pot. Pustaka Baru Press. 160p</i>