

Module designation	Economic Botany
Semester(s) in which the module is taught	Odd
Person responsible for the module	Dr. Ir. Suhartini, M.S.
Language	Bahasa Indonesia
Relation to curriculum	Elective Course
Teaching methods	Lecture, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks
Credit points	2 SKS (3.2 ETCS)
Required and recommended prerequisites for joining the module	Botany, Entrepreneurship
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> - PLO-1 - PLO-6 - PLO-7 - PLO-10 - PLO-11
Content	Economic botany discusses plants with economic value, including plants: food, vegetables & fruit, fiber, wood, tannins & dyes, rubber, oil, essential oils, fats, sugar, gum & resins, drugs, drinks, ornamental plants; the use of each plant, product, method of processing products, processed products, and their cultivation. Able to identify plants of economic value.
Examination forms	Presence, task, quiz, mid semester exam, final semester exam, case study, team based project.

Study and examination requirements	<p>The final mark will be weight as follow:</p> <table><tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr><tr><td>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="5"></td><td>Presence</td><td>5</td><td></td></tr><tr><td>Task</td><td>5</td><td></td></tr><tr><td>Quiz</td><td>5</td><td></td></tr><tr><td>Mid-semester exams</td><td>10</td><td></td></tr><tr><td>Final Semester Exam</td><td>25</td><td></td></tr><tr><td>2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="3"></td><td>Case study</td><td>25</td><td></td></tr><tr><td>Team Based Project</td><td>25</td><td></td></tr><tr><td>Total</td><td>100</td><td></td></tr></table>	NO	Assessment Techniques	Percentage Weight Assessment (%)	Information	1	Cognitive	50	Maximum assessment weight accumulation 50%		Presence	5		Task	5		Quiz	5		Mid-semester exams	10		Final Semester Exam	25		2	Participatory	50	Maximum assessment weight accumulation 50%		Case study	25		Team Based Project	25		Total	100	
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Reading list	<p>A. Hans, C.C. 1973. <i>House Plants & Indoor Gardening</i>. Hongkong: Octopress Book Ltd.</p> <p>B. Wickens, G. E. 2001. <i>Economic Botany: Principles and Practices</i>. 2001 ed. Springer.</p> <p>C. Pandey, B.P. 1980. <i>Economic Botany</i>. New Delhi: S. Chand & Company Ltd.</p> <p>D. Heinrich, Michael, Joanne Barnes, José Prieto-Garcia, Simon Gibbons, and Elizabeth M. Williamson, eds. 2023. <i>Fundamentals of Pharmacognosy and Phytotherapy</i>. 12 Juni ed. Elsevier.</p> <p>E. Alexou, Maria. 2024. <i>Plant Stress Physiology and Climate Change: How Plants Struggle in Our New World</i>. Cambridge Scholars Publishing.</p> <p>F. Winter, W.P., de. and V.B Amoroso., <i>Plant Resources of South-East Asia (PROSEA)</i>, PROSEA Foundation, 2003.</p>																																						