Module designation	Laboratory Work in Plants Systematic
Semester(s) in which the module is taught	Even/2nd
Person responsible for the module	Dra. Ratnawati M.Sc., Dra. Budiwati M.Si., Drs. Sudarsono M.Si.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
Teaching methods	Lab works, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 46 hours per semester which consists of 170 minutes of lab work per week for 16 weeks.
Credit points	1 SKS (1.6 ECTS)
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	PLO 2 PLO 3 PLO 4 PLO 6
Content	This course contains studies on plants systematic in practice, which includes 1). Identifying the plants, 2). Classifying the plants, 3). Describing the kinship, 4). Explaining the correct nomenclature, 5). Recognizing the plant diversity, 6). Calculating the diversity index associated with environmental balance, 7). Identifying the benefits of each type of plant, 8). Developing an ecosystem with another ecosystem or one place with another place with a different environment, for example, different height, edaphic, climate, and many others.
Examination forms	Presence, task, quiz, mid semester exam, final semester exam, case study, team based project.

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<td>Study and examination requirements</td>
<td>The final mark will be weight as follow:
<table>
<tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr>
<tr><td rowspan="4">1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td>Task</td><td>20</td><td></td></tr>
<tr><td>Quiz</td><td>10</td><td></td></tr>
<tr><td>Final Semester Exam</td><td>20</td><td></td></tr>
<tr><td rowspan="3">2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td>Case Study</td><td>25</td><td></td></tr>
<tr><td>Team Based Project</td><td>25</td><td></td></tr>
<tr><td></td><td>Total</td><td>100</td><td></td></tr>
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<td>Reading list</td>
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A. Sudarsono. 2005. Taksonomi Tumbuhan. Malang: UM Press.
B. Mustaqim W.A., & Nikmah I.A. 2024. Sistematika Tumbuhan. Jakarta: UI Publishing.
C. Singh G. 2010. Plant Systematics: An Integrated Approach 3rd ed. Science Publishers.
D. Hassemer, G., Prado, J. and Baldini, R.M., 2020. Diagnoses and descriptions in Plant Taxonomy: are we making proper use of them. Taxon, 69(1).
E. Simpson, M.G., 2019. Plant systematics 3rd ed. Academic press.
F. de Winter, W. P. and V. B. Amoroso. 2003. Plant Resources of South-East Asia Cryptogams: Fern and Fern Allies. Bogor: Prosea Foundation.
G. Singh G. 2020. Plant Systematics: Theory and Practice 4th ed. Oxford & IBH Publishing Co. Pvt. Ltd.

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