Module Descriptions

A **module** is a self-contained **learning unit** within a higher education program that includes thematically related courses and is assigned a **fixed number of credits**. It follows specific **learning objectives**, includes an **assessment component**, and contributes to achieving the qualifications of a degree program. In some countries, “modules” are also named “courses”.

Please provide a module description for each module. In addition to the compulsory and elective modules, this also includes credited internships and the final thesis.

Please summarize all module descriptions in one document (Module Handbook) and create a table of contents so that the modules can be found easily.

Module designation	Lab Work of Natural Food Technology
Semester(s) in which the module is taught	Even
Person responsible for the module	Drs. Sudarsono, M.Si
Language	Indonesian language
Relation to curriculum	Elective subject
Teaching methods	lecture, project, case study, seminar, examination
Workload (incl. contact hours, self-study hours)	Total workload is 45 hours per semester which is used for pretest, practicum preparation, practice, report making, report presentation and response 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-5 - PLO-9

<table>
<tr><td>Content</td><td>This course enables students to develop the ability to identify plankton belonging to the Rotifera, distinguish plankton types across two different ecosystems, and classify rotifer plankton to appropriate taxonomic levels. Students also learn to compare plankton diversity between two ecosystems by calculating diversity indices, assess eutrophication levels through dominance and diversity indices, and understand the overall diversity of rotifer plankton. In addition, the course provides an understanding of the ecological roles of plankton, the life cycle of Chlorella vulgaris, the population dynamics of rotifer plankton, and the processes of succession within rotifer plankton communities.</td></tr>
<tr><td>Examination forms</td><td>Test, rubrics, and presentation</td></tr>
<tr><td>Study and examination requirements</td><td>Requirements for successfully passing the module
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>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td rowspan="4"></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>10</td><td></td></tr>
<tr><td>Mid-semester exams</td><td>15</td><td></td></tr>
<tr><td></td><td>Final Semester Exam</td><td>20</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 Base Project</td><td>25</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
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Reading list	A. Wirosaputro, S. 1998. *Clorella Makanan Kesehatan Global Alami*. Yogyakarta: Universitas Gajah Mada. B. Djarijah, S.A. 1995. *Pakan Alami.* Yogyakarta: Kanisius. C. Dahril, T.1996. *Rotifer Biologi dan Pemanfaatannya. Pekan Baru*: UNRI-Press. D. Busniar, Munzir. 2006. *Entomologi*. Padang: Andalas University Press. E. Yurisman dan Sukendi. 2004. *Biologi dan Kultur Pakan Alami*. Pekan Baru: UNRI Press.