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	Laboratory Work Limnology
Semester(s) in which the module is taught	Even
Person responsible for the module	Kuntum Febriyantiningrum, M.Sc.
Language	Bahasa Indonesia
Relation to curriculum	Elective subject
Teaching methods	practice, 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	Ecology
Module objectives/intended learning outcomes	- PLO-2 - PLO-5 - PLO-9
Content	This course develops scientific and analytical skills in the aquatic ecosystems through discussion, observation, and presentation.
Examination forms	Test, rubrics, and presentation

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<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 rowspan="4">1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr>
<tr><td>- Task</td><td>10</td><td></td></tr>
<tr><td>- Mid-semester exams</td><td>20</td><td></td></tr>
<tr><td>- Final Semester Exam</td><td>20</td><td></td></tr>
<tr><td rowspan="4">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 Base Project</td><td>25</td><td></td></tr>
<tr><td>Total</td><td>100</td><td></td></tr>
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<td>Reading list</td>
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A. Barus, T.A. 2002. Pengantar Limnologi. Jurusan Biologi FMIPA Universitas Sumatera Utara, Medan
B. Goldman, C.R. and Alexander, J.H. 1983. Limnology. McGraw-Hill Book Company, Japan
C. Prof. Dr. Ing. Ternala Alexander Barus, MSc. 2020. Limnologi.
D. Rai, R., Singh, R.P. A Review Paper on Limnology in Fresh Water Fishes. International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Vol 2 (1).

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