

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	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	lecture, project, case study, seminar, examination									
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 ECTS)									
Required and recommended prerequisites for joining the module	Ecology									
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> - PLO-6 - PLO-7 									
Content	This course develops scientific and analytical skills in the aquatic ecosystems through discussion, observation, and presentation									
Examination forms	Test, rubrics, and presentation									
Study and examination requirements	Requirements for successfully passing the module									
	The final mark will be weight as follow:									
	<table border="1"> <thead> <tr> <th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr> </thead> <tbody> <tr> <td>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment</td></tr> </tbody> </table>			NO	Assessment Techniques	Percentage Weight Assessment (%)	Information	1	Cognitive	50
NO	Assessment Techniques	Percentage Weight Assessment (%)	Information							
1	Cognitive	50	Maximum assessment							

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