Module Handbook: Practices of Freshwater Aquaculture Management

A Module Handbook or collection of module descriptions that are also available for students to consult should contain the following information about the individual modules:

Module designation	Practices of Freshwater Aquaculture Management is a compulsory course for students of the Aquaculture study program. This course is given in the fifth semester fostered by the Teaching Team. After attending this practical course, students will have skills in technical and management for freshwater finfish culture.
Module level, if applicable	Undergraduate
Code, if applicable	PIA 20193166
Subtitle, if applicable	Praktikum Manajemen Akuakultur Tawar
Courses, if applicable	-
Semester(s) in which the module is taught	5th
Person responsible for the module	Dr. Susilo Budi Priyono, S.Pi, M,Si
Lecturer	Prof. Dr. Ir. Rustadi, M.Sc. Indah Istiqomah, S.Pi., M.Si., Ph.D Dr. Susilo Budi Priyono, S.Pi, M,Si
Language	Indonesian
Relation to curriculum	Study Program, Compulsory
Type of teaching, contact hours	Teachings are conducted in the laboratory and field with 50-60 students within 16 session (110 min/session). The learning method consists of practices and discussions, case studies, and collaborative learning (60 min/session).

Workload	1 SKS x 170 minutes x 16 sessions = 2720 minutes = 45.33 hours = 45.33 hours/ 30 hours = 1.51 ECTS
Credit points	1 credit point
Requirements according to the examination regulations	Students must fully attend (100%) all of the effective laboratory sessions to be eligible to take the post-test.
Recommended prerequisites	Freshwater Aquaculture Management
Module objectives/intended learning outcomes	Course Learning Outcome: CO-1: Perform technical and management of freshwater finfish (especially catfish, tilapia, and gourami) culture according to Best Management Practices (BAP) and business analysis of finfish culture (PLO8-KK3). Program Learning Outcome: PLO8-KK3: To be able to conduct aquaculture activity start from design and construct aquaculture containers and supporting facilities, manage to produce fish-seed, feeds, health, water quality, and harvest of freshwater, brackish water, and marine organisms through good fish hatchery practices and good aquaculture practices in environment, analyze of socio-economic.
Content	Course Learning Outcome ~~1.~~ Preparation of containers and water ~~2.~~ Preparation, selection, and stock of fish seed 3. Feeding management 4. Water quality management 5. Biosecurity and diseases control 6. Sampling and monitoring 7. Harvesting and post-harvest handling 8. Business analysis of finfish culture

Study and examination requirements and forms of examination	Lectures Quizzes, assignments Laboratory sessions
Media employed	LCD Zoom Lab Manual
Reading list	Lucas, J.S. and P.C. Southgate (Eds.), 2012. Aquaculture: Farming Aquatic Animals and Plants. Blackwell Publ., West Sussex. Rustadi, 2018. Manajemen Akuakultur Tawar. Gadjah Mada University Press, Yogyakarta.