

Module Handbook: Practices of Brackish water 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	This practices is a laboratory and field practice course of Brackish water Aquaculture Management. This course studies technical and management aspects of shrimp farming, including preparation, maintenance, harvest and post-harvest handling and business analysis.
Module level, if applicable	Undergraduate
Code, if applicable	PIA 20193162
Subtitle, if applicable	Praktikum Manajemen Akuakultur Payau
Courses, if applicable	-
Semester(s) in which the module is taught	5 th
Person responsible for the module	Dr. Susilo Budi Priyono, S.Pi., M.Si.
Lecturer	Dr. Ir. Bambang Triyatmo, MP. 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	Brackish water Aquaculture Management
Module objectives/intended learning outcomes	Course Learning Outcomes: CO-3: Perform technical and management of shrimp farming according to Best Management Practices (BAP) and business analysis of shrimp farming (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. Course Learning Outcomes: CO-3: Perform technical and management of shrimp farming according to Best Management Practices (BAP) and business analysis of shrimp farming (PLO8-KK3)

Content	Course Learning Outcomes CLO3 1. Preparation of shrimp pond 2. Stocking of shrimp seed 3. Feeding management 4. Water quality management 5. Biosecurity and diseases control 6. Sampling and monitoring 7. Harvest and post-harvest handling 8. Business analysis of shrimp farming
Study and examination requirements and forms of examination	Lectures Quizzes, assignments Laboratory sessions
Media employed	LCD Zoom Lab Manual
Reading list	FAO, NACA, UNEP, WB, WWF, 2006. International Principles for Responsible Shrimp Farming. Wyban, J.A. and J.N. Sweeney, 1991. Intensive Shrimp Production Technology. The Oceanic Institute, Hawaii.