

Module Handbook : Practicum in Sustainable Fisheries Management Business

Module designation	This practicum provides practical skills in the fisheries business and the principles of fisheries business sectors including tourism, conservation or fish business. Students will carry out business practices and evaluate them both in terms of management and accounting
Semester(s) in which the module is taught	Second semester
Person responsible for the module	1. Prof. Suadi, S.Pi., M.Agr.Sc., Ph.D 2. Dr. Eko Setyobudi, S.Pi., M.Si. 3. Tony Budi Satriyo, S.Pi., M.Sc., Ph.D.
Language	Indonesian
Relation to curriculum	<i>Compulsory Course</i>
Teaching methods	Activities: a) Lecture (lecture and discussion) b) Examinations c) Take home assignments d) Quiz e) Student presentation
Workload (incl. contact hours, self-study hours)	Working hours: 2 credits of theory. Total Workload: 2 SCU (Semester Credit Unit) = 2 x 45 hours within 1 semester = 3.34 ECTS.
Credit points	2 Credit points
Required and recommended prerequisites for joining the module	<i>None</i>

Module objectives/intended learning outcomes	Program Learning Outcomes: PLO2: Demonstrate honesty, responsibility, confidence, emotional maturity, ethics, and awareness of being a lifelong learner. PLO6: Assess and compile scientific concepts and research findings based on scientific principles, procedures, and ethics, producing theses and publications in accredited scientific journals. PLO8: Evaluate and develop science and technology through inter-, multi-, and trans-disciplinary research and innovation in aquaculture, the processing of fishery products, or fisheries resources management. Course Learning Outcomes: CLO1: Students are able to analyze trends and plan the development of fishery product trade. (PLO2), (PLO6), & (PLO8). CLO2: Students are able to design and apply the AHP (Analytical Hierarchy Process) concept in determining the selection of fishery product development. (PLO2), (PLO6), & (PLO8).
Content	1. Aquaculture Business - Feasibility of business in aquaculture (freshwater fishes, brackish water fishes) - Business development in aquaculture 2. Fish Processing Business - Feasibility of business in fish processing - Business development in fish processing 3. Fisheries Capture Business - Feasibility of business in fish capture industri - Business development in fish capture industri

Examination forms	<table><tr><th><i>Evaluation Basis</i></th><th><i>Evaluation Components</i></th><th><i>Percentages</i></th><th><i>CLO 1</i></th><th><i>CLO 2</i></th></tr><tr><td rowspan="2"><i>Participatory Activity</i></td><td><i>Group presentation</i></td><td><i>30%</i></td><td></td><td>√</td></tr><tr><td><i>Quiz</i></td><td><i>10%</i></td><td>√</td><td></td></tr><tr><td><i>Project results/case study results</i></td><td><i>Individual/Group Assignment</i></td><td><i>30%</i></td><td>√</td><td>√</td></tr><tr><td rowspan="2"><i>Cognitive</i></td><td><i>Mid Exam</i></td><td><i>15%</i></td><td></td><td>√</td></tr><tr><td><i>Final Exam</i></td><td><i>15%</i></td><td>√</td><td></td></tr><tr><td></td><td><i>Total</i></td><td><i>100%</i></td><td></td><td></td></tr></table> <i>The total percentage of participatory activities and project results/case studies/PBL results is at least 50%.</i>	<i>Evaluation Basis</i>	<i>Evaluation Components</i>	<i>Percentages</i>	<i>CLO 1</i>	<i>CLO 2</i>	<i>Participatory Activity</i>	<i>Group presentation</i>	<i>30%</i>		√	<i>Quiz</i>	<i>10%</i>	√		<i>Project results/case study results</i>	<i>Individual/Group Assignment</i>	<i>30%</i>	√	√	<i>Cognitive</i>	<i>Mid Exam</i>	<i>15%</i>		√	<i>Final Exam</i>	<i>15%</i>	√			<i>Total</i>	<i>100%</i>		
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Study and examination requirements	The minimum of student attendance is 70% from total 14 meetings to be eligible to take the final exams																																	
Reading list	1. Carole Engle. (2020). <i>Aquaculture Businesses: A Practical Guide to Economics and Marketing</i>. 5m Publishing. 2. Ioannis S Boziaris. (2014). <i>Seafood Processing Technology, Quality and Safety</i>. Wiley Publishing. 3. Andrew Palfreman. (1999). <i>Fish Business Mnagement: Strategy, Marketing, Development</i>. Wiley Publishing. 4. Bavinck, M., Jentoft, S., Pascual-Fernandez, J.J. & Scholtens, J. (eds) (2024). <i>Small-Scale Fisheries Management and Business: Global Perspectives</i>. 2nd edn. Cham: Springer Nature 5. Charles, A. (2021). <i>Sustainable Fishery Systems</i>. 2nd edn. Oxford: Wiley-Blackwell. 6. FAO (2024). <i>The State of World Fisheries and Aquaculture 2024: Blue Transformation in Action</i>. Rome: Food and Agriculture Organization of the United Nations. 7. Iudicello, S., Weber, M. & Wieland, R. (2023). <i>Fish, Markets, and Fishermen: The Economics of Marine Resources</i>. Washington, D.C.: Island Press. 8. Long, R. & Chaves, J.P. (eds) (2022). <i>The Marine Bioeconomy: Science, Technology, and Business</i>. Boca Raton: CRC Press.																																	

