

MODULE DESCRIPTION OF PHILOSOPHY OF FISHERIES SCIENCE

Module name	Philosophy of Fisheries Science		
Module level	7		
Code	19L06210102		
Subtitle	-		
Course	Philosophy of Fisheries Science		
Semester(s) in which the module is taught	1 st Semester		
Person responsible for the module	Ir. Muhammad Iqbal Djawad, M.Sc., Ph.D.		
Lecturer(s)	Ir. Muhammad Iqbal Djawad, M.Sc., Ph.D. Prof. Dr. Ir. Khusnul Yaqin, M.Sc Prof. Dr. Ir. Musbir, M.Sc.		
Language	Indonesian		
Relation to curriculum	Programme	Mode	Semester
	MSc. Fisheries Science	Compulsory	Odd
Type of teaching, contact hours	Contact hours and class size separately for each teaching method: lecture, lesson, practical, project, seminar, etc.		
	Taeching Method	Contact Hours per week	Class Size
	Lecture	1.7	40
	Excercises	2.0	40
Workload	(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc) and private study, icluding examination preparation, specified in hours		
	Contact Hours per week	Private Study per week	Semester Workload
	3.7	2.0	91.2 h
Requirements according to the examination regulations	In order to pass the module, student must obtain a minimal final grade of D (≥ 45). This value is the average value of 5 lecturers (Exam. Reg.)		
Recommended prerequisites	Formal : none Content : none		
Module objectives/intended learning outcomes	After having finished the module, students are able to: Knowledge: - Having knowledge of the development of science from the Greek, Islamic and Renaissance periods, knowledge and the measure of truth: definition and types of knowledge; the nature and source of knowledge; the measure of truth; classification and the nature of science. Skills: - Apply logical and creative thinking through scientific research in the field of integrated and sustainable fisheries science by paying attention to scientific ethics of the science development from the Greek, Islamic and Renaissance period, etc. Competences: - Be able to understand the nature of science in relation to various other knowledge, various ways of obtaining scientific knowledge, abilities, and skills by applying logical philosophical and critical reasoning; by not ignoring the limitations of science, scientific methods, moral and social boundaries as an effort to obtain and utilize knowledge in the field of integrated fisheries science.		
Content	Through this course students are able to understand the nature of science in relation to various other knowledge, various ways of obtaining scientific knowledge, abilities, and skills by applying logical philosophical and critical reasoning; by not ignoring the limitations of		

	science, scientific methods, moral and social boundaries as an effort to obtain and utilize knowledge in the field of integrated fisheries science.
Study and examination requirements and forms of examination	Lecture: ● Partial quizzes ● Assignments ● Discussion ● Collaborative group discussion ● Final written examination.
Media employed	LCD, website, print out, computer, library
Literature	● Aceng Rahmat, Conny Semiawan, Diana Nomida, Ismail Arianto, Kinayati Djoyosuroto, Nadiroh, Nusa Putra, Sabarti akhadiah, 2011. Advanced Philosophy of Science. Kencana Prenada Media Group, Jakarta. ● Proverbs Bahtiar, 2011. Philosophy of Science. Rajawali Press. Jakarta. ● Jujun S. Suriasumantri. 1993. Science in perspective. PT. Gramedia, Jakarta. ● Jujun S. Suriasumantri. 1994. Philosophy of science a popular introduction. Sinar Harapan, Jakarta. ● Pritjof Capra, 2002. The Turning Point of Civilization: Science, Society and the Rise of Culture. Bentang Budaya, Jogjakarta. ● Soetriono and SRDM Rita Hanafie, 2007. Philosophy of Science and Research Methodology. Andi Yokyakarta. ● Suparlan Suhartono, 1997. Philosophy of Science: Basic Concepts. Unhas. ● Van Melsen. 1989. Science and our responsibility (translation). PT Gramedia, Jakarta.