

Module Handbook

Modul Name	Philosophy of Science
Modul Level	1 (Bachelor)
Abbreviation, if applicable	PHH 101
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	2/1
Module coordinator(s)	Prof. Dr. Anwar Ma'ruf, drh., M.Kes.
Lecturer(s)	1. Prof. Dr. Anwar Ma'ruf, drh., M.Kes. 2. Retno Sri Wahyuni, drh., MS. 3. Emy Koestanti Sabdoningrum, drh., M.Kes.
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	2 class hour lecture (2 x 170 minutes lecture) x 14 weeks
Workload per semester	340 minutes lecture is divided into 100 minutes face to face interaction, 100 minutes assignment, 140 minutes independent study.
Credit points	2 (lecture) (~3.02 ECTS)
Requirements	-
Learning goals/competencies	Students are able to explain scientific reasoning in scientific development, and have a culture of researching properly and correctly
Content	The philosophy of science discusses the history of the development of science, the relationship between Philosophy and Science, the basics of knowledge, the concept of scientific methods that underlie all scientific activities, the means of scientific thinking which includes language, mathematics and statistics and science in moral, social and political perspectives
Softskills attribute	Leadership, communication and cooperation
Study/exam achievements	Final exam (33.3%), midterm (22.2)%, assigment(16.7%), quizzes (16.7%), soft skill (11.1%)
Forms of media	Computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	1. Departemen Pendidikan dan Kebudayaan Direktorat Jenderal Pendidikan Tinggi Proyek Pengembangan Institusi Pendidikan Tinggi, 1983. Materi Dasar Pendidikan Program Akta Mengajar V. Buku IA Filsafat Ilmu. 2. Keraf, SA dan D. Mikhael, 2001. Ilmu Pengetahuan Sebuah

	<p>Tinjauan Filosofis. Penerbit Kanisius, Yogyakarta.</p> <p>3. Van Melsen, AGM. 1985, Ilmu Pengetahuan dan Tanggung Jawab Kita. alih bahasa: K. Bertens dan AA Nugroho Penerbit Nur Cahaya, Yogyakarta:</p> <p>4. Verhaak, C. dan RH. Imam. 1989. Filsafat Ilmu Pengetahuan. Telaah Atas Kerja Ilmu. Penerbit Gramedia, Jakarta</p>
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