MODULE HANDBOOK

Module name	Filsafat Ilmu dan Etika Profesi Statistika (Philosophy of science and Statistics Profession Ethics)
Module level, if applicable	Bachelor
Code, if applicable	MMS -1480
Subtitle, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2/first year
Person responsible for the module	Prof. Subanar, Ph.D.
Lecture(s)	Prof. Subanar, Ph.D.
Language	Bahasa Indonesia
Classification within the Curriculum	compulsory/~~elective~~
Teaching format /class hours per week during the semester:	2 hours lecture
Workload	2 hours lectures and 4 hours individual study per week, 14 weeks per semester, total 84 hours a semester
Credit points	2
Requirements	-
Module objectives/intended learning outcomes	After completing this course the students have ability to : CO 1.Analize the development from the first generation until fourth generation data analysis. CO 2.Have a good understanding in oncology, epistemiology, and axiology in statistics. CO 3.Have a good understanding in ethics, and its relations with professionalism in statistics.
Content	History of statistics, first until foutth generation of data analysis, analogy generalitation abstraction in statistics.Statistical thinking:How to develop it. Ethics and its relation with proffessionalism in statitics.
Study and xamination requirements and forms of examination	The weight of assignments will be as follows: i. Quiz, homework 15% ii. Mid semester exam 40% iii. Final exam 45% Grade scale: A 85 ≤ score A/B 75 ≤ score < 85 B 60 ≤ score < 75 B/C 50 ≤ score < 60 C 40 ≤ score < 50 D 20 ≤ score < 40 E score < 20
Media employed	Slides and LCD projectors, whiteboard

Reading List	1.Mustansyir,R,Munir,M.(2012)Filsafat Ilmu. Pustaka Pelajar. 2. Nisbet,R,Elder,J,Miner,G.(2009)Statistical Analysis and Data Mining Applications.Academic Press. 3. Okasha,S(2002).Philosophy of Science:A very short Introduction.Oxford Univ Press. 4. Stigler,S.M(1999)Statistics on the Table:The History of Statistical concept and methods.Harvard Eds World

Program Learning Outcomes (PLO)

PLO-1 have strong basic statistics and mathematics in problem solving analysis.

PLO-2 have statistical thinking and able to develop.

PLO-3 have a good ability to utilize technology and statistical software in teaching and research.

PLO-4 have experience in working on real cases in the field of statistics.

PLO-5 have a good ability to communicate statistics in writing and oral.

PLO-6 have ability to further studies, and or lifelong learning.

PLO-7 have professional ethics and soft skill.

<div align="center">CO and PLO mapping</div>

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CO 1	x	x	x	x	x		
CO 2	x	x	x	x	x	x	
CO 3				x	x		x