

Module designation	<i>Statistics</i>
Semester(s) in which the module is taught	<i>1</i>
Person responsible for the module	<i>Please indicate a specific person.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory course</i>
Teaching methods	<i>150 minutes lectures and 180 minutes structured activities per week.</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload is 136 hours per semester which consists of 150 minutes lectures, 180 minutes structured activities, and 180 minutes self-study per week for 16 weeks.</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1 Responsible for carrying out individual and group tasks.</i> <i>2 Understand hypothesis testing.</i> <i>3 Explain and present data well</i> <i>4 Search for data from sources on the internet and present it using specific software</i> <i>5 Understand basic concepts, principles, procedures/algorithms in data description.</i> <i>6 Calculate the probability of an event.</i> <i>7 Understand discrete and continuous random variables and their distributions.</i> <i>8 Understand parameter estimation.</i> <i>9 Solve problems related to parameter estimation and hypothesis testing, both manually and using software such as Excel and SPSS.</i>
Content	<i>The Basic Statistics course covers: (1) the definition and role of statistics; (2) methods of data collection and presentation; (3) measures of central tendency, measures of location, and measures of data dispersion; (4) basic concepts of probability, random variables, and probability distributions; (5) sampling distributions; (6) parameter estimation; (7) hypothesis testing; and (8) correlation and regression tests.</i>
Examination forms	<i>CO1: Attitude assessment is carried out at each meeting by observation and / or self-assessment techniques using the assumption that basically every student has a good attitude.</i>

Study and examination requirements	<p>The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude.</p> <p>The final mark will be weight as follow:</p> <table><tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr><tr><td>1</td><td>CO 1</td><td>a. Presentat ion b. Discussio n</td><td>Observation</td><td>5% 10%</td></tr><tr><td>2</td><td>CO 2, CO 3, CO 4</td><td>a. Individual assignme nt b. Group assignme nt c. Quiz d. Midterm e. Final test</td><td>Written</td><td>10% 10% 20% 25%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO 1	a. Presentat ion b. Discussio n	Observation	5% 10%	2	CO 2, CO 3, CO 4	a. Individual assignme nt b. Group assignme nt c. Quiz d. Midterm e. Final test	Written	10% 10% 20% 25%	Total				100%
No	CO	Assessment Object	Assessment Technique	Weight																	
1	CO 1	a. Presentat ion b. Discussio n	Observation	5% 10%																	
2	CO 2, CO 3, CO 4	a. Individual assignme nt b. Group assignme nt c. Quiz d. Midterm e. Final test	Written	10% 10% 20% 25%																	
Total				100%																	
Reading list	<p>1. Walpole, Ronald. E. 1995. Alih bahasa oleh Bambang Sumantri. Introductory to Statistics. Gramedia, Jakarta.</p>																				