

**Module Handbook for Basic Statistics**

<b>Module designation</b>	Basic Statistics
<b>Module level, if applicable</b>	Bachelor of Science
<b>Code, if applicable</b>	22A41C206
<b>Subtitle, if applicable</b>	-
<b>Courses, if applicable</b>	-
<b>Semester(s) in which the module is taught</b>	Even semester (II)
<b>Person responsible for the module</b>	Prof. Drs. Muh. Arif Tiro, M.Sc. M.Pd., Ph.D.
<b>Lecturer</b>	[1] Aswi, S.Pd., M.Si.
<b>Language</b>	Indonesia
<b>Relation to curriculum</b>	Compulsory course, 2 <sup>nd</sup> Semester
<b>Type of teaching, contact hours</b>	Learning methods: lectures, practice and discussion. CSU : 2 2 x 50 minutes lecture = 100 minutes 2 x 60 minutes scheduled task = 120 minutes 2 x 60 minutes independent task = 120 minutes Total teaching format = 340 minutes = 5,7 hours
<b>Workload</b>	Total workload = (Total Teaching format x 16) = 5,7 x 16 = 91,2 hours
<b>Credit points</b>	<b>2 CSU (3 ECTS)</b> ECTS = Total workload : 30 hours = 91,2 : 30 = 3
<b>Requirements according to the examination regulations</b>	Student must have attended at least 80% of the lectures to sit in the exams.
<b>Recommended prerequisites</b>	-
<b>Module objectives/intended learning outcomes</b>	<ol style="list-style-type: none"><li>1. Able to explain about theory and probability distribution</li><li>2. Able to prepare and present data</li><li>3. Able to determine the size of the data, including the size of the central symptom, location, spread and slope and convexity</li><li>4. Able to describe the distribution of sampling</li><li>5. Able to perform hypothesis testing</li><li>6. Able to perform parameter estimation</li></ol>
<b>Content</b>	In this course, students learn about the basics of statistics including probability, data preparation and presentation, data size, sampling distribution, hypothesis testing and parameter estimation.
<b>Study and examination requirements and forms of examination</b>	Mid-Exam : Written Test (25%) Final Exam : Written Test (25%) Practice/Practice Exam : Practice an written test (25%) Others : Individual Task (10%), Group Discussion (10%) and Quizz (5%).
<b>Media employed</b>	LMS-SYAM OK, Power Point Presentation, Books, Journal and Article, Student Worksheet, handout.
<b>Reading list</b>	[1] Tiro, M. A. (2015). Dasar-dasar Statistika, Edisi keempat. Makassar: Andira Publisher [2] Tiro, M. A. & Ahsan, M. (2015). Penyajian Informatif: Tabel, Grafik, dan Statistik. Makassar: Andira Publisher

