



**UNIVERSITAS NEGERI PADANG**  
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
 MATHEMATICS DEPARTMENT, MATHEMATICS STUDY PROGRAM Main  
 Campus Universitas Negeri Padang.  
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**Bachelor of Science in Mathematics**

**MODULE HANDBOOK**

Module name:	Multivariate Statistical Analysis
Module level, if applicable:	Bachelor
Code:	MAT2.62.6003
Subheading, if applicable:	-
Classes, if applicable:	Multivariate Statistical Analysis
Semester:	6 <sup>th</sup> (sixth)
Module coordinator:	Head of Statistics Expertise Group
Lecturer(s):	Dr. Dodi Vionanda, M.Si. and Dra. Helma, M.Si.
Language:	Indonesian Language and English
Classification within the curriculum:	Elective course in third year (6 <sup>th</sup> semester) Bachelor Degree
Teaching format / class hours per week during the semester:	<ul style="list-style-type: none"> <li>a. Lectures: Project Based Learning with methods such as expository, discussion, and presentation (3 x 50 minutes = 150 minutes).</li> <li>b. Structured assignment: Project task (3 x 60 minutes = 180 minutes).</li> <li>c. Individual study (3 x 60 minutes = 180 minutes).</li> </ul>
Workload:	150 minutes lectures, 180 minutes structured activities, 180 minutes individual study, 16 weeks per semester (including mid exams), in total of 136 hours per semester.
Credit points:	3 SKS/ 4,53 ECTS
Prerequisites course(s):	<ul style="list-style-type: none"> <li>1. Mathematical Statistics</li> <li>2. Probability Theory</li> </ul>
Course outcomes:	After taking this course the students have ability to: CO. 1 Differentiate dependency and interdependence multivariate method and their properties CO. 2 Decide the appropriate dependency multivariate method in solving the problem CO. 3 Decide the appropriate interdependency multivariate method in solving the problem

