



UNIVERSITAS NEGERI PADANG
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES
 MATHEMATICS DEPARTMENT, MATHEMATICS STUDY PROGRAM
 Main Campus Universitas Negeri Padang.
 Jalan Prof. Dr. Hamka Air Tawar Padang, Sumatera Barat
 Telepon: +62 751 7053902, Fax: +62 751 7055628
 Email: humas@unp.ac.id

Bachelor of Science Mathematics

MODULE HANDBOOK

Module name:	Regression Analysis
Module level,if applicable:	Bachelor
Code:	MAT2.62.6002
Sub-heading,if applicable:	-
Classes,if applicable:	Regression Analysis
Semester:	6 th (sixth)
Module coordinator:	Head of Statistics Expertise Group
Lecturer(s):	Dra. Helma, M.Si.
Language:	Indonesian Language and English
Classification within the curriculum:	Elective course in the third year (6 th semester) Bachelor Degree
Teaching format / class hours per week during the semester:	Teaching format: lectures by Project Based Learning with individual projects. a. Lectures :by discussion (3 x 50 minutes = 150 minutes) b. Structured assignment : Project task (3 x 60 minutes = 180 minutes) c. Individual study. (3 x 60 minutes = 180 minutes)
Workload:	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.
Creditpoints:	3 SKS = 4,53 ECTS
Prerequisites course(s):	Calculus, Elementary Linear Algebra, Statistical Elementary
Course outcomes:	After taking this course the students have ability to: CO1. Form the linear regression model of the given problem. CO2. Examine the suitability of linear regression model obtained with the data CO3. Transform of data if a regression model does not describe the data provided CO4. Construct the best regression model from a given problem

