



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:	Developing Mortality Table
Module level,if applicable:	Bachelor
Code:	MAT2.62.8004
Subheading,if applicable:	-
Classes, if applicable:	Developing Mortality Table
Semester:	8 th
Module coordinator:	Head of Lab of Actuarial dan Finance
Lecturer(s):	Dr. Devni Prima Sari, S.Si., M.Sc, and Dina Agustina, S.Pd., M.Sc.
Language:	Indonesian Language and English
Classification within the curriculum:	Elective course in the fourth year (8 th semester) Bachelor Degree
Teaching format / class hours per week during the semester:	<ol style="list-style-type: none">Lectures: by Project Based Learning with methods such as presentations, group, and class discussion. (3 x 50 minutes = 150 minutes)Structured assignment: Group project. (3 x 60 minutes = 180 minutes)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.
Credit points:	3 SKS = 4.53 ECTS
Prerequisites course(s):	Actuarial
Course outcomes:	After taking this course the students have ability to: CO1. Determine the conditional Measures and Truncated Distributions CO2. Apply the concept of transformed random variable CO3. Analyze the problem related to other functions derives from l_x CO4. Estimated Survival Model from Samples With Incomplete Data (Censored Data)

