



UNIVERSITAS NEGERI PADANG
 FACULTY OF MATHEMATICS AND NATURAL SCIENCES MATHEMATICS
 DEPARTMENT, MATHEMATICS STUDY PROGRAM Main Campus Universitas
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Bachelor of Mathematics

MODULE HANDBOOK

Module name:	History of Mathematics
Module level,if applicable:	Bachelor
Code:	MAT2.62.5002
Sub-heading,if applicable:	-
Classes,if applicable:	History of Mathematics
Semester:	5 th
Module coordinator:	Mathematics Department
Lecturer(s):	Dra. Helma, M.Si. and Nurul Afifah Rusyda, M.Pd.
Language:	Indonesia Language and English
Classification within the curriculum:	Elective course in third year (5 th semester) Bachelor Degree
Teaching format / class hoursperweekduring the semester:	a. Lectures : Recitation Method with methods such as expository, make summary, and presentation. (3 x 50 minutes = 150 minutes) b. Structured assignment : Weekly individual written assignment. (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, 150 minutes structured activities, and 150 minutes self-study per week for 16 weeks.
Creditpoints:	3 sks = 4.53 ECTS
Prerequisites course(s):	-
Course outcomes:	After taking this course the students have ability to: <ul style="list-style-type: none"> ● CO1 trace the history of mathematical development from ancient times until the XXI century, namely the development of mathematics based on the development of ages, the people who developed it, the development of mathematical material. ● CO2 communicate the discovery of mathematical material.
Content:	The history of mathematical development from ancient times until the XXI century, namely the development of mathematics based on the development of ages, the people who developed it, the development of mathematical material.

Study/exam achievements:	<p>The final grade will be weighted as follows:</p> <p>The assessment consists of a final project (40%), a mid-term exam (30%), assignment (20%), and class activities: participation, attitude, and presence (10 %).</p> <p>Individual assignment: Student makes summary about history of mathematics.</p> <p>The final project: students make an article related to the history of mathematics.</p> <p>A midterm test is taken to examine whether students understand the theory covered in the half-semester course.</p>
Forms of media:	White Board, laptop, Projector, e-learning via elearning2.unp.ac.id, and zoom meeting.
Literature:	<ol style="list-style-type: none"> 1. Katz, V. J. 2009. A History of Mathematics: An Introduction. (Third Edition). Boston: Addison-Wesley. 2. Burton, D. M. 2011. The History of Mathematics: An Introduction (Seventh Edition). New York: McGraw Hill 3. Hodgkin, L. 2005. A History of Mathematics: From Mesopotamia to Modernity. New York: Oxford University Press.

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1						✓						
CO2							✓					