



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 in Mathematics

MODULE HANDBOOK

Module name:	English for Mathematics
Module level, if applicable:	Bachelor
Code:	MAT 1. 62.1003
Subheading, if applicable:	-
Classes, if applicable:	English
Semester:	1st (first)
Module coordinator:	Head of Study Program Expertise Group
Lecturer(s):	Dr. Arnellis, M.Si., Rara Sandhy Winanda, M.Sc.. and Defri Ahmad, M.Si.
Language:	English
Classification within the curriculum:	Compulsory course un the first year (1 st semester) Bachelor Degree
Teaching format / class hours per week during the semester:	<ol style="list-style-type: none">Lectures : Cooperative learning with methods such as expository, discussion, drill, and Practice. (2 x 50 minutes = 100 minutes)Structured assignment : Weekly individual written assignment. (2 x 60 minutes = 120 minutes)Individual study. (2 x 60 minutes = 120 minutes)
Workload:	Total workload is 90.67 hours per semester, which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study for 16 weeks per semester, including mid exam and final exam.
Credit points:	2 SKS = 3.02 ECTS
Prerequisites course(s):	None

Course outcomes:	<p>After taking this course the students have ability to:</p> <p>CO.1 Showing scientific standards in writing mathematical texts.</p> <p>CO.2 Read and understand English mathematical texts correctly.</p> <p>CO 3 Recognize mathematical words/ terms equivalent in English and use them appropriately.</p> <p>CO 4 Communicate and collaborate in English actively.</p>
Content:	<ol style="list-style-type: none"> 1. Introduction: working in group, 2. Collaborative Learning: Student-Centered Learning (SCL) 3. Grammar 4. ESL Issues : Nouns and Articles English mathematical as second. 5. Issues 1: Discuss some common mistakes in using nouns and articles in mathematics. 6. Issues part II: Articles or Poster Presentation in mathematics. 7. Speaking and listening. 8. Reading comprehension and academic writing in Mathematics. 9. Translation
Study/exam achievements:	<p>The final mark will be weighted as follows: The assessment consists of final exam (30 %), mid term exam (30%), assignment (20%), Class Activities: Presentation and Quiz. (20%).</p> <p>Final and mid term exams are in the form of a closed book essay written test (120 minutes).</p> <p>Weekly assignments are given to each student individually in order to improve their English skills.</p> <p>Discussion, writing, reading, and speaking practice are all part of the class activities</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. English US Horn by Dictionary Phuong, H.T. & Van L.T.K. 2003. English for Mathematics. Ho Chi Minh City 2. Vivaldi, F. 2013. Mathematical Writing for Undergraduate Student. Queen Mary, London.Textbook of Mathematics journal

	<ol style="list-style-type: none"> 3. Betty S. Azar, 2002, Understanding an Using English Grammar, 3rd edition, Longman Pub. Group, Pearson Education, New York 4. Christine A. Hult and Thomas N. Huckin, 2001, The New Century Handbook, 2nd edition, Longman Pub Group Pearson Education, New York. 5. David M. Burton, 2005, The History of Mathematics, Sixth edition, McGraw-Hill Primis, United States of America.
--	--

PLO and CO Mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10
CO1		✓								
CO2								✓		
CO3								✓		
CO4							✓			