

UNIVERSITAS NEGERI PADANG

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Bachelor of Science in Mathematics

MODULE HANDBOOK

Module name:	Undergraduate Thesis					
Module level, if applicable:	Bachelor					
Code:	MAT1.62.8001					
Sub-heading, if applicable:	-					
Classes, if applicable:	Undergraduate Thesis					
Semester:	8 th (eighth)					
Module coordinator:	Head of Study Program					
Lecturer(s):	Supervisor(s)					
Language:	Indonesian Language and English					
Classification within the curriculum: Teaching format / class	Compulsory course in the fourth year (8 th semester) Bachelor Degree 1. Proposal discussion with supervision 5.100 minutes = 85					
hours per week during the semester:	 hours. Proposal examination and preparation (seminar) = 17 hours. Research activity 8.160 minutes = 136 hours. Thesis examination and preparation 1.020 minutes = 17 hours. Article writing for a thesis 1.020 minutes = 17 hours. 					
Workload:	The total workload per semester is 272 hours, which comprises 5.100 minutes of proposal discussion with supervision, 17 hours for proposal e6xamination and the preparation, 8.160 minutes of research activity, 1.020 minutes of thesis examination and the preparation, and 1.020 minutes of article writing for a thesis.					
Credit points:	6 SKS = 9.06 ECTS					
Requirements according to the examination regulations	Submit the undergraduate thesis document (authorised by the supervisor(s)) of the mathematics study programme.					
Recommended prerequisites	. –					

Course Outcomes:	After completing this course, the students have ability to:						
	CO 1. Integrating the knowledge that has been gained in						
	lectures to solve the selected problem or topic.						
	CO 2. Conduct analysis and solve problems under guidance.						
	CO 3. Writing scientific articles.						
	CO 4. Shows self-confidence, ethics, and good communication.						
Content:	Topic is appointed by supervisor(s) or student.						
Study/exam achievements	The proposal and the thesis examination comprise the evaluation.						
	The thesis comprises a discussion of the findings with the						
	supervisor, as well as the preparation and presentation of a final						
	report to the examiner.						
	Examiners evaluate the proposal and final examination using the						
	following criteria: background and formulation of the problem						
	(10%), appropriateness and depth of relevant scientific theories						
	(15%), design sustainability (10%), data collection						
	methodologies, instrument validity, and data analysis						
	methodologies (15%), writing style (10%), originality (10%),						
	presentation (10%), and ability to defend the opinion (20%).						
Forms of media:	White Board, laptop, projector, and zoom meeting.						
Literature:	Books or journals related to the topics						

PLO and CO Mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10
CO1									~	
CO2			\checkmark							
CO3							\checkmark			
CO 4		\checkmark								