



UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION

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Bachelor of Education in Mathematics

MODULE HANDBOOK

Module name:	Mathematics Education Seminar
Module level, if applicable:	Undergraduate
Code:	PMA6212
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	6 th
Module coordinator:	Ali Mahmudi, Dr.
Lecturer(s):	Ali Mahmudi, Dr.; Ariyadi Wijaya, Dr.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90,67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks.
Credit points:	2
Prerequisites course(s):	Strategies for Mathematics Learning (PMA6305) Multimedia for Mathematics Learning (PMA6210) Assessment of Mathematics Learning (PMA6207)
Course Outcomes	After taking this course, students have ability to: CO1. Demonstrate adherence to academic values, norms and ethics

	<p>CO2. Communicate the latest ideas in mathematics education by writing and verbally</p> <p>CO3. Demonstrate collaborative attitudes in the learning process or in completing assignments</p> <p>CO4. Describe the latest concepts and ideas in mathematics education</p> <p>CO5. Applying pedagogic-didactic concepts in solving problems in the field of mathematics education</p>
<p>Content:</p>	<p>This course includes the study of ideas / thoughts and writing scientific papers in the field of mathematics education which include: (1) identification of ideas / thoughts in the field of mathematics education, (2) concept and structure of scientific papers, (2) Ethics and rules of scientific writing (citation and reference writing), (3) introduction, (4) method, (5) results and discussion, (6) conclusions and suggestions, (7) titles and abstracts, and (8) presentation of scientific papers.</p>
<p>Study/exam achievements:</p>	<p>Attitude assessment is carried out at each meeting by observation and / or self-assessment techniques using the assumption that basically every student has a good attitude. The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude.</p>

	The final mark will be weight as follow:				
	No	CO	Assessment Object	Assessment Technique	Weight
	1	CO1 CO2 CO4 CO5	Scientific papers	Assignment	60%
	2	CO2 CO4 CO5	Presentation of scientific papers	Presentation	30%
	3	CO3	Collaborative skills	Observation	10%
	Total				100%
Forms of media:	Board, LCD Projector, Laptop/Computer				
Literature:	<ol style="list-style-type: none"> American Psychological Association. (2010). <i>Publication Manual of the American Psychological Association</i>. Washington DC: APA. Universitas Negeri Yogyakarta. 2016. <i>Pedoman Tugas Akhir</i>. Yogyakarta: UNY. Peraturan Menteri Pendidikan Nasional RI Nomor 46 Tahun 2009 tentang Ejaan Bahasa Indonesia yang Disempurnakan. Jurnal-jurnal penelitian pendidikan matematika. 				

PLO and CO Mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1	✓											
CO2			✓									
CO3			✓									
CO4					✓							
CO5							✓					