UNIVERSITAS NEGERI YOGYAKARTA
GRADUATE SCHOOL
MASTER OF EDUCATION IN MATHEMATICS
Jalan Colombo Nomor 1 Yogyakarta 55281
Telepon(0274)550836, Laman : pm.pps.uny.ac.id, E-mail : pm.pps@uny.ac.id

Module name:	Study on Issues in Mathematics Education
Module level,if applicable:	Graduate
Code:	PMA 8203
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	1st
Module coordinator:	Dr. Djamilah Bondan Widjajanti, M.Si.
Lecturer(s):	Dr. Djamilah Bondan Widjajanti, M. Si. Dr. Jailani
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course
Teaching format / class hours per week during the semester:	Lectures (100 minutes/week): lectures, questions and answers, discussions, presentations. Structured activities (120 minutes/week): individual assignment/project, group assignment/project
Workload:	Lecture: 100 minutes/week Structured activities: 120 minutes/week Self-Study : 120 minutes/week Total: 5440/semester or 90.67 hours/semester
Creditpoints:	2
Prerequisites course(s):	-
Course Outcomes	After taking this course the students: CO1: Understanding the scope of the problem of mathematics education. CO2: Identifying problems in learning skills, concepts,

<table>
<tr><td></td><td>principles, and solving mathematical problems.
CO3: Understanding the problems associated with individual differences in mathematics learning.
CO4: Formulating the problems around the curriculum and its implementation.
CO5: Understanding the strategies, approaches, methods, models, media for learning mathematics and the implementation problems.
CO6: Analyzing the mathematics learning achievements or student performance and their problems.
CO7: Finding problems for their thesis, at least be realized in 3 thesis titles.</td></tr>
<tr><td>Content:</td><td>This course discusses: (1)The scope of the problem of mathematics education; (2) The problems in learning skills, concepts, principles, and solving mathematical problems; (3) The problems associated with individual differences in mathematics learning; (4) The problems around the curriculum and its implementation; (5) The strategies, approaches, methods, models, media for learning mathematics and the implementation problems; (6) The problems related to student learning outcomes in mathematics</td></tr>
<tr><td>Study/exam achievements:</td><td>The final mark will be weight as follow:
<table>
<tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr>
<tr><td>1</td><td>CO1 up to CO7</td><td>a. Individual Assignment
b. Group Assignment
c. Final Exam</td><td>Writing articles, presentations and written tests</td><td>30%
30%
40%</td></tr>
<tr><td colspan="3"></td><td>Total</td><td>100%</td></tr>
</table></td></tr>
<tr><td>Formsof media:</td><td>Board, LCD Projector, Laptop/Computer</td></tr>
<tr><td>Literature:</td><td>A. The 2013 curriculum and related ministerial regulations
B. Journal of Local/National and International Mathematics Education Research, published in the last 5 years.
C. Relevant articles / research results, minimum published in</td></tr>
</table>

	the last 3 years

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
CO1		✓							
CO2					✓				
CO3		✓							
CO4					✓				
CO5		✓							
CO6					✓				
CO7					✓				