



UNIVERSITAS NEGERI YOGYAKARTA
GRADUATE SCHOOL
MASTER OF EDUCATION IN MATHEMATICS

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Master of Education in Mathematics

MODULE HANDBOOK

Module name:	Thesis
Module level,if applicable:	Graduate
Code:	PMA8601
Sub-heading,if applicable:	-
Classes,if applicable:	Class A, B, and C
Semester:	4 th
Module coordinator:	Dr. Sugiman, M.Si.
Supervisor(s)	Supervisors: (1) Prof. Dr. Marsigit, M.A., (2) Dr. Sugiman, (3) Dr. Jailani, (4) Dr. Djamilah B.W., (5) Dr. Hartono, (6) Dr. Dhoriva U.W., (7) Dr. R. Rosnawati, (8) Dr. Karyati, (9) Dr. Sri Andayani, (10) Dr. Ali Mahmudi, (11) Dr. AgusMaman Abadi, (12) Dr. Aryadi Wijaya, (13) Dr. HeriRetnawati, (14) EndahRetnowati, Ph.D., (15) Dr. Kana Hidayati, (16) Wahyu Setyaningrum, Ph.D.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course
Teaching format	Lecture: Individual face-to-face (and or e-consultation) between student and supervisor Structured Activities: individual research project
Workload:	Lecture: 300 minutes/week Structured Activities: 360 minutes /week Self-Study: 360minutes /week Total: 16.320minutes/semester or 272 hours/semester
Creditpoints:	6
Prerequisites course(s):	Thesis Proposal Writing (PMA8101) Thesis Proposal Seminar (PMA8236)
Course Outcomes	After taking this course the students have ability to: CO1. works individually under lecture supervision responsibly CO2. write research frameworks CO3. write research report in mathematics education CO4. write article to publish in international journal or

	international proceeding																				
Content:	This course is a project in order to develop research instrument, collecting data, analysis data, draw conclusions, write research report, and write an international article.																				
Study/exam achievements:	CO1. Attitude assessment is carried out at each consultations to supervisor. The result of attitude assessment is not a component of the final grades, but as one of therequirements to pass the course. Students will pass from this course if at least have a good attitude. 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>CO2</td><td>a. Final exam</td><td>Presentation</td><td>75%</td></tr><tr><td>2</td><td>CO3</td><td>b. Written report</td><td>and Defense</td><td>25%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table> CO4. Publish an article in international journal or international proceeding is one of requirement for graduation.	No	CO	Assessment Object	Assessment Technique	Weight	1	CO2	a. Final exam	Presentation	75%	2	CO3	b. Written report	and Defense	25%	Total				100%
No	CO	Assessment Object	Assessment Technique	Weight																	
1	CO2	a. Final exam	Presentation	75%																	
2	CO3	b. Written report	and Defense	25%																	
Total				100%																	
Forms of media:	-																				
Literature:	<u>Main Literature</u> ... (2017).PedomanTesis dan Disertasi Program PascasarjanaUniversitas Negeri Yogyakarta. (2018). Buku Panduan PublikasiMahasiswa Program PascasarjanaUniversitas Negeri Yogyakarta. Creswell, J.W. 2014. Research Design: qualitative, quantitative, and mixed methods approaches. 4th Edition. Los Angeles: Sage. Walliman, N. 2011. Research Methods: The Basics. London: Roudledge, Taylor & Francis Group. Khotari, C.R. 2004. Research Methology: Research and technique. New Delhi: New Age International Publisher. Van de Akker, J. 2006. Educational Design Research. London: Roudledge, Taylor & Francis Group. Plomp, T. &Nieveen, N. 2007.An Introduction to Educational Design Research. Proceedings of the seminar conducted at the East China Normal University, Shanghai (PR China), November 23-26, 2007. Kumar, R. 2011. Research Methodolgy: A step-by-step Guide for Beginner. 3rd Edition. Los Angeles: Sage. Neuman, W.L. 2014.Social Research Methods: Qualitative and Quantitative Approaches. Edinburgh: Pearson. <u>Additional Literature</u>																				

