Doctoral Program in Mathematics Education   **MODULE HANDBOOK**

Module name/ Code	:	Dissertation Writing and Examination/ GMA9003
Module level, if applicable	:	Doctor
Code	:	GMA9003
Sub-heading, if applicable	:	-
Class, if applicable	:	-
Semester	:	6th (sixth) / even
Module coordinator	:	Lecturer Team
Lecturer(s)		Lecturer Team
Language	:	Bahasa Indonesia and English
Classification within the curriculum	:	Study Program Compulsory Course
Teaching format/ class hours per week during the semester	:	Teaching format: lectures, tutorial assignment, and individual study. 6 x 300 minutes = 1800 minutes = 30 hours lectures
Workload	:	14 weeks per semester consisting of: ☐ 1 hour lectures (1 x 50 minutes) per week, ☐ 2 hours assignments (2 x 50 minutes) per week, ☐ 2 hours individual study (2 x 70 minutes) per week, Total workload: 14x6x300 minutes = 25200 minutes = 16.8 ECTS*
Credit points	:	6 (16.8 ECTS)
Prerequisite's course(s)	:	Dissertation Seminar
Course outcomes	:	After taking this course, students should be able to: CO-1: able to compile a dissertation philosophical and theoretical study for the development of a "new" theory. CO-2: able to develop research methods and approaches according to creative and innovative research focus. CO-3: able to present the conceptual framework and dissertation research results. CO-4: able to synthesize theories or concepts according to the theme of the dissertation through an interdisciplinary, multidisciplinary, or transdisciplinary approach.

		CO-5: able to carry out empirical data collection to solve mathematics education problems with a conceptual, practical, and innovative reflective thinking. CO-6: able to carry out data analysis and conclusions according to the facts obtained from the dissertation research field. CO-7: able to compile a dissertation report and represent research results in an effective, and communicative manner. CO-8: able to compile and publish dissertation results in the form of open defense or publication of reputable articles as accountability to the public interest.
Content	:	This course discusses: The utilization of various concepts, theories, and procedures based on the chosen research focus or topic, locus or research data source, and scientific mode or perspective in an original, innovative, and transdisciplinary manner. This course produces a dissertation text that includes a title, introduction (background, problems/focus, objectives/benefits, theoretical studies, research methods, research results, discussions, conclusions, and suggestions/recommendations. Closed or open defense are used to account for the dissertation manuscript.
Study/exam achievements	:	Closed or open defense are attended by internal and external examiners. Closed dissertation defense assessment for examiners includes dissertation work (60%), and presentation skills (40%), while for supervisors includes dissertation work (50%), presentation skills (30%), and process assessment (20%). Open dissertations defense assessment for examiners include mastery of the dissertation material (40%), insight into the implementation of the dissertation results (40%), and attitude (20%), while for supervisors they include mastery of the dissertation material (30%), insight into the implementation of the dissertation results (40%), attitude (20%) and process (10%). The final score for the closed defense or the open defense is obtained by 40% of the examiner's average score plus 60% of the supervisor's average score.

		Students may not take the closed or open defense if the research results have not been published in at least 1 (one) scientific paper in reputable international journals (indexed by Scopus or WoS) and meet the specified requirements/signs. The initial cut-off points for grades A, B, C, and D should not be less than 85, 70, 55, and 40 out of 100 respectively. The total score is converted into a qualitative score, <table><tr><td>**Total Score**</td><td>**Grade**</td><td>**Description**</td></tr><tr><td>86 – 100</td><td>A</td><td>Excellent</td></tr><tr><td>71 – 85.99</td><td>B</td><td>Good</td></tr><tr><td>56 – 70.99</td><td>C</td><td>Fair</td></tr><tr><td>41 – 55.99</td><td>D</td><td>Bad</td></tr><tr><td>0 – 40.99</td><td>E</td><td>Worse</td></tr></table> To be successfully passing the course, the minimum grade required is B.
Forms of media		Laptop and LCD projectors
Literature	:	Guidebook for Writing Thesis and Dissertation for Masters and Doctoral programs Academic and Students Guidebook of Sriwijaya University Open Journal System
Note	:	*Total hours per 1 credit in 1 semester = {(1 credit x 300 minutes x 14 weeks)/60 minutes} = 70 hours. Each ECTS equals 25 hours therefore 1 credit in 1 semester equals 2.8 ECTS.

PLO and CO Mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
CO1	✔	✔				✔	✔	✔	✔
CO2	✔	✔				✔	✔	✔	✔
CO3	✔	✔				✔	✔	✔	✔
CO4	✔	✔				✔	✔	✔	✔
CO5	✔	✔				✔	✔	✔	✔
CO6	✔	✔				✔	✔	✔	✔
CO7	✔	✔				✔	✔	✔	✔
CO8	✔	✔				✔	✔	✔	✔