



UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION
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Bachelor of Science in Mathematics

MODULE HANDBOOK

Module name:	Undergraduate Thesis
Module level, if applicable:	Undergraduate
Code:	MAT 6638
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	8 th
Module coordinator:	Dr. Agus Maman Abadi, M.Si.
Lecturer(s):	Team
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course
Teaching format / class hours per week during the semester:	300 minutes lectures and 360 minutes structured activities per week.
Workload:	Total workload is 272 hours per semester which consists of 300 minutes lectures, 360 minutes structured activities, and 360 minutes self-study per week for 16 weeks.
Credit points:	6
Prerequisites course(s):	-
Course outcome:	After taking this course the students have ability to CO1. Appreciate others' opinions and original invention in Mathematics. CO2. Disseminate mathematical ideas both written and orally based on honesty. CO3. Master the fields of mathematics by doing research himself/herself under the direction by the supervisor.

	<p>CO4. Explore, generalize, abstract, and prove the properties, lemma(s), and other mathematical theorem(s) using logical reasoning.</p> <p>CO5. Know the development of mathematical ideas as a basis for become lifelong learner.</p>																																
Content:	Recent topic in Mathematics and its application, discussed with the supervisor.																																
Study / exam achievements:	<p>Attitude assessment is carried out by the supervisor using 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> <p>The final mark will be weight as follow:</p> <table border="1"> <thead> <tr> <th>No</th> <th>CO</th> <th>Assessment Object</th> <th>Assessment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">C01-C05</td> <td>a. Written document problem statement, theory framework, methods discussion language and format</td> <td rowspan="2">Observation</td> <td>10%</td> </tr> <tr> <td></td> <td>10%</td> </tr> <tr> <td></td> <td></td> <td>b. Performance defending arguments answering questions knowledge</td> <td>Oral presentation</td> <td>10%</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>20%</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>20%</td> </tr> <tr> <td colspan="4" style="text-align: right;">Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Assessment Object	Assessment Technique	Weight	1	C01-C05	a. Written document problem statement, theory framework, methods discussion language and format	Observation	10%		10%			b. Performance defending arguments answering questions knowledge	Oral presentation	10%					20%					20%	Total				100%
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Forms of media:	-																																
Literature:	Tim. Pedoman Tugas Akhir UNY 2016. Yogyakarta: UNY. Relevant sources (books, journal, etc.) for each topic.																																

