



# UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Department of Mathematics

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## Master in Mathematics

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## MODULE HANDBOOK

Module Name	<i>Capita Selecta in Analysis</i>
Module level, if applicable	<i>Master</i>
Code, if applicable	<i>MMM-6111</i>
Subtitle, if applicable	-
Courses, if applicable	<i>Capita Selecta in Analysis</i>
Semester(s) in which the module is taught	<i>3<sup>rd</sup> or 4<sup>th</sup> semester</i>
Person responsible for the module	<i>Chair of the analysis lab</i>
Lecturer(s)	<i>Prof. Dr. Ch. Rini Indrati; Prof. Dr. Supama; Atok Zulijanto, M.Si., Ph.D.; Dewi Kartika Sari, M.Sc., Ph.D.; Hadrian Andradi, S.Si., M.Sc., Ph.D</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective course in the second year of master's degree</i>
Teaching methods	<i>Lecture, classroom discussion, and case-based learning.</i>
Workload (incl. contact hours, self-study hours)	<i>The total workload is 136 hours per semester, which consists of 150 minutes of lectures per week for 14 weeks, 180 minutes of structured activities per week, and 180 minutes of individual study per week, in total is 16 weeks per semester, including mid-exam and final exam.</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>Students are required to be proficient at abstract analysis.</i>
Module objectives/intended learning outcomes	<i>After completing this course, the students should have the ability to</i> <i>CO1. demonstrate knowledge of the given subject</i> <i>CO2. analyze the relation of the given subject to another knowledge</i>

Content	<i>Content of this course may vary every year depends on the lecturer's expertise.</i>												
Examination forms	<i>Oral presentation, essay</i>												
Study and examination requirements	<p><i>The final mark will be weighted as follows:</i></p> <table border="0"> <thead> <tr> <th style="text-align: left;"><i>No</i></th> <th style="text-align: left;"><i>Assessment methods (components, activities)</i></th> <th style="text-align: left;"><i>Weight (percentage)</i></th> </tr> </thead> <tbody> <tr> <td><i>1</i></td> <td><i>Final Examination</i></td> <td><i>30-40%</i></td> </tr> <tr> <td><i>2</i></td> <td><i>Mid-Term Examination</i></td> <td><i>30-40%</i></td> </tr> <tr> <td><i>3</i></td> <td><i>Class Activities: Quiz, Homework, etc.</i></td> <td><i>20-30%</i></td> </tr> </tbody> </table> <p><i>Minimum final mark to pass is C (at least 40)</i></p>	<i>No</i>	<i>Assessment methods (components, activities)</i>	<i>Weight (percentage)</i>	<i>1</i>	<i>Final Examination</i>	<i>30-40%</i>	<i>2</i>	<i>Mid-Term Examination</i>	<i>30-40%</i>	<i>3</i>	<i>Class Activities: Quiz, Homework, etc.</i>	<i>20-30%</i>
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<i>3</i>	<i>Class Activities: Quiz, Homework, etc.</i>	<i>20-30%</i>											
Media employed	<i>Board, LCD Projector, Laptop/Computer</i>												
Reading list	<i>Decided every year, depending on the lecturer's expertise.</i>												

#### CO-PLO Mapping

	<b>PLO 1</b>	<b>PLO 2</b>	<b>PLO 3</b>	<b>PLO4</b>	<b>PLO5</b>	<b>PLO6</b>
<b>CO 1</b>	v		v	v		
<b>CO 2</b>	v		v	v	v	v

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**Modified Date** :