



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Mathematics Department

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Undergraduate Programme in Mathematics

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MODULE HANDBOOK

Module name	Capita Selecta in Analysis												
Module level, if applicable	Bachelor												
Code, if applicable	MMM-4149												
Subtitle, if applicable													
Courses, if applicable	Capita Selecta in Analysis												
Semester(s) in which the module is taught	4 th (forth)												
Person responsible for the module	Chair of the Lab. of Analysis												
Lecturer(s)	Analysis Research Group Chair-appointed lecturer												
Language	Bahasa Indonesia												
Relation to curriculum	Bachelor Degree, Elective, 7 th semester												
Type of teaching, contact hours	150 minutes lectures and 180 minutes structured activities per week.												
Workload	Total workload is 136 hours per semester, which consists of 150 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, in total is 16 weeks per semester, including mid exam and final exam.												
Credit points	3												
Requirements according to the examination regulations	Students have taken Capita Selecta in Analysis course (MMM-4149) and have an examination card where the course is stated on.												
Recommended prerequisites	Students have taken Introduction to Real Analysis I course (MMM-3101) and have participated in the final examination of the course. Before taking this course, students must have a good understanding about the concepts of Introduction to Real Analysis I.												
Module objectives/intended learning outcomes	After completing this course the students will have : CO1. ability to aware recent development of the subject. CO2. a deep knowledge of the subject that enable the students study independently. CO3. a knowledge of more recent development of the subject by reading and studying journal papers.												
Content	Content of this course may vary every year.												
Study and examination requirements and forms of examination	The final mark will be weighted as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No</th> <th>Assessment methods (components, activities)</th> <th>Weight (percentage)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Final Examination</td> <td>35</td> </tr> <tr> <td>2</td> <td>Mid-Term Examination</td> <td>30</td> </tr> <tr> <td>4</td> <td>Class Activities: Quiz, Homework, etc.</td> <td>35</td> </tr> </tbody> </table> <p>The initial cut-off points for grades A, B, C, and D should not be less than 80%, 70%, 50%, and 40%, respectively.</p>	No	Assessment methods (components, activities)	Weight (percentage)	1	Final Examination	35	2	Mid-Term Examination	30	4	Class Activities: Quiz, Homework, etc.	35
No	Assessment methods (components, activities)	Weight (percentage)											
1	Final Examination	35											
2	Mid-Term Examination	30											
4	Class Activities: Quiz, Homework, etc.	35											
Media employed	White/Black Board, LCD Projector, Laptop/Computer												
Reading List	Decided by Lecturer												

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
CO 1			√			√	√		
CO 2			√				√		
CO 3			√					√	√