



# 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	Undergraduate Thesis II (Skripsi)
Module level, if applicable	Bachelor
Code, if applicable	MMM-4098
Subtitle, if applicable	-
Courses, if applicable	
Semester(s) in which the module is taught	7 <sup>th</sup> (seventh) or 8 <sup>th</sup> (eighth)
Person responsible for the module	Head of the Study Programme
Lecturer(s)	Supervisor(s)
Language	Bahasa Indonesia or English
Relation to curriculum	Compulsary course in the fourth year (7 <sup>th</sup> or 8 <sup>th</sup> semester) Bachelor Degree
Type of teaching, contact hours	100 minutes consultation and 920 minutes structured activities per week.
Workload	Total workload is 272 hours per semester, which consists of 100 minutes consultation per week, 920 minutes individual study per week, in total is 16 weeks per semester
Credit points	6
Requirements according to the examination regulations	<ul style="list-style-type: none"> <li>• The grade of the Undergraduate Thesis I at least C.</li> <li>• The student has joint the SGTA (Studium Generale for Undergraduate Thesis).</li> <li>• The student has done Seminar of his/her Undergraduate Thesis I</li> <li>• The student has joint Seminar of Undergraduate Thesis I out of his/her minimal once time.</li> <li>• The submission of the SKRIPSI document (approved by the supervisor(s)) to the UP-Math FMNS UGM</li> </ul>
Recommended prerequisites	Students who take the Undergraduate Thesis II have to take the Undergraduate Thesis I in the earlier semester or in the same semester.
Module objectives/intended learning outcomes	<p>Upon successful completion, students will be able to:</p> <p>CO1. conduct independent study of a particular topic,            CO2. utilize mathematical power that has been studied in previous courses,            CO3. analyze and provide solution from mathematical point of view.            CO 4. write a scientific presentation.  <b>CO 5. have self-confidence, good ethics, and good performance in communication.</b></p>
Content	Topic is appointed by supervisor(s) or student. It is a continuation of the Undergraduate Thesis I.
Study and examination requirements and forms of examination	<p>The final mark will be decided by considering some criteria, involving:</p> <ul style="list-style-type: none"> <li>• Ability and self-independency,</li> <li>• Effort and perseverance</li> <li>• Content mastery, including the logic,</li> <li>• Content substance (accuracy and clearness)</li> <li>• Language and systematics</li> <li>• Communication skill, self-confidency, and ethics.</li> </ul> <p>The minimal grade for the SKRIPSI is C. <b>Assessment form is attached.</b></p>

Media employed	White Board, paper, Laptop/Computer
Reading List	Books or journals related to the topics.

### PLO and CO Mapping

UT II	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
CO 1								v	v
CO 2		v	v	v	v	v	v		v
CO 3		v	v	v	v	v	v		v
CO 4							<b>V</b>	<b>V</b>	<b>V</b>
CO 5	v						v	v	v



**UNIVERSITAS GADJAH MADA**  
**FACULTY OF MATHEMATICS AND NATURAL SCIENCES**  
**DEPARTMENT OF MATHEMATICS**

Program Studi/Study Programme: Matematika/Mathematics

**FORMULIR PENILAIAN/ *FORM OF ASSESMENT***  
**SKRIPSI (MMM-4098)/TUGAS AKHIR II (*UNDERGRADUATE THESIS II*, MMM-4092)**  
**(MMS-4092): 6 SKS/ 6 *Credits***

By Supervisor(s)

Nama Mahasiswa/*Name of student* :

Nomor Mahasiswa/*Student's Identity* :

Jenis Tugas Akhir/*Type of UT (Undergraduate Thesis)*: Skripsi/TA II (UT II) (MMM-4098/ MMM-4092)

Judul/ *Title* :

Hasil Penilaian ( $1 \leq \text{nilai} \leq 4$ )/ *Results (1 ≤ Score ≤ 4)*

Komponen Penilaian / <i>Components</i>		Nilai/ <i>Score</i>
P1	Kemandirian/ <i>Self-Independency</i> (CO 1)	
P2	Usaha dan Ketekunan/ <i>Effort and preseverance</i> ( CO1 )	

Yogyakarta, DD-MM-YEAR

Pembimbing I  
Supervisor I

Pembimbing II  
Supervisor II

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**Catatan: Nilai dikumpulkan sebelum ujian**

**Remark: The score has to be submitted before the examination**

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Program Studi/ *Study Programme* : Matematika/ *Mathematics*

**FORMULIR PENILAIAN UJIAN TUGAS AKHIR II (MMM-4098)**  
**FORM OF ASSESSMENT OF SKRIPSI/UNDERGRADUATE THESIS II (MMM-4098)**

Nama Mahasiswa/ *Name* :  
Nomor Mahasiswa/ *Student ID* :  
Jenis Tugas Akhir / *Type of Final Project* : Skripsi(Tugas Akhir II) (MMM-4098)/  
Skripsi (*Undergraduate Thesis II*) (MMM-4092)  
Judul/ *Title* :

Hasil Penilaian (nilai dengan angka 4, 3, 2, 1)/ *Results (score with 4, 3, 2, 1)*

Komponen Penilaian / <i>Components</i>		Nilai/ <i>Score</i>
P3	Penguasaan materi / <i>Content mastery</i> (CO 2)	
P4	Substansi Materi (keakuratan dan kejelasan)/ <i>Content substance (accuracy and clearness)</i> (CO 3)	
P5	Bahasa dan Tata tulis / <i>Language and systematics</i> (CO 4)	
P6	Kemampuan berkomunikasi, kepercayaan diri, dan etika/ <i>Communication skill, self-confidency, and ethics</i> (CO 5)	

Yogyakarta, - -201...

Penguji/Examiner,

( )

Program Studi/ *Study Programme* : Matematika/ *Mathematics*

**BERITA ACARA UJIAN SKRIPSI (MMM- 4098) /TUGAS AKHIR II (MMM-4092)**  
**REPORT OF SKRIPSI (MMM-4098)/UNDERGRADUATE II EXAM (MMM-4092)**

Pada/ *On* :  
 Hari/ *Day* :  
 Tanggal/ *Date* :  
 Jam/ *Time* :  
 Tempat/ *Venue* :

telah diselenggarakan ujian tugas akhir Skripsi (4 sks/6 sks) bagi/ *has been held Skripsi (undergraduate thesis II) exam (4 sks/6 credits) for* :

Nama/ *Name* :  
 Nomor Mahasiswa/ *Student ID* :  
 Judul/ *Title* :

Dengan hasil/ *with result* : Lulus (*pass*) / lulus dengan perbaikan (*pass with revision*)/ tidak lulus (*not pass*) \*

**Rekapitulasi Nilai Ujian / Score Recapitulation**

NA (Final Score) =  $10\% \times P1 + 10\% \times P2 + 25\% \times N3 + 25\% \times N4 + 20\% \times N5 + 10\% \times N6 = \dots\dots\dots$ , (angka/number) dengan N3, N4, N5, dan N6 berturut-turut menyatakan rerata P3, P4, P5, dan P6 semua penguji /with N3, N4, N5, and N6 are the averages of P3, P4, P5, and P6 of all examiners, respectively.

Nilai / *Grade* : A, A<sup>-</sup>, A/B, B<sup>+</sup>, B, B/C, B<sup>-</sup>, C<sup>+</sup>, C<sup>\*\*</sup>)  
 Batas waktu revisi/ *Time limit of revision*: .....

Yogyakarta,  
 Ketua Penguji / *Chair of the Examiners*

( )

**Tim Penguji/Examiner Team:**

- |               |                              |
|---------------|------------------------------|
| 1. Nama/Name: | Tanda-tangan/Signature ..... |
| 2. Nama/Name: | Tanda-tangan/Signature ..... |
| 3. Nama/Name: | Tanda-tangan/Signature ..... |
| 4. Nama/Name: | Tanda-tangan/Signature ..... |
| 5. Nama/Name: | Tanda-tangan/Signature ..... |

\*) Coret yang tidak perlu/ *Cross the unnecessary ones*

\*\*\*) Kalau tidak lulus semua nilai dicoret/ *If the student does not pass, cross all indices*

**Petunjuk kisaran nilai huruf / Range of grade:**

