### Undergraduate Programme in Mathematics

**Telp**: +62 274 552245  
**Email**: mathsi@ugm.ac.id; kaprodi-s1-matematika.mipa@ugm.ac.id  
**Website**: [http://s1math.fmipa.ugm.ac.id/](http://s1math.fmipa.ugm.ac.id/)

<table>
<thead>
<tr>
<th>Module name</th>
<th>Undergraduate Thesis II (Skripsi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module level, if applicable</td>
<td>Bachelor</td>
</tr>
<tr>
<td>Code, if applicable</td>
<td>MMM-4098</td>
</tr>
<tr>
<td>Subtitle, if applicable</td>
<td>-</td>
</tr>
<tr>
<td>Courses, if applicable</td>
<td>-</td>
</tr>
<tr>
<td>Semester(s) in which the module is taught</td>
<td>7th (seventh) or 8th (eighth)</td>
</tr>
<tr>
<td>Person responsible for the module</td>
<td>Head of the Study Programme</td>
</tr>
<tr>
<td>Lecturer(s)</td>
<td>Supervisor(s)</td>
</tr>
<tr>
<td>Language</td>
<td>Bahasa Indonesia or English</td>
</tr>
<tr>
<td>Relation to curriculum</td>
<td>Compulsary course in the fourth year (7th or 8th semester) Bachelor Degree</td>
</tr>
<tr>
<td>Type of teaching, contact hours</td>
<td>100 minutes consultation and 920 minutes structured activities per week.</td>
</tr>
<tr>
<td>Workload</td>
<td>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</td>
</tr>
<tr>
<td>Credit points</td>
<td>6</td>
</tr>
</tbody>
</table>

**Requirements according to the examination regulations**
- The grade of the Undergraduate Thesis I at least C.
- The student has joint the SGTA (Studium Generale for Undergraduate Thesis).
- The student has done Seminar of his/her Undergraduate Thesis I.
- The student has joint Seminar of Undergraduate Thesis I out of his/her minimal once time.
- The submission of the SKRIPSI document (approved by the supervisor(s)) to the UP-Math FMNS UGM.

**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**
Upon successful completion, students will be able to:
- 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.
- CO 5. have self-confidence, good ethics, and good performance in communication.

**Content**
The 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**
The final mark will be decided by considering some criteria, involving:
- Ability and self-independency,
- Effort and perseverance,
- Content mastery, including the logic,
- Content substance (accuracy and clearness)
- Language and systematics
- Communication skill, self-confidence, and ethics.
The minimal grade for the SKRIPSI is C. **Assessment form is attached.**
<table>
<thead>
<tr>
<th>UT II</th>
<th>PLO 1</th>
<th>PLO 2</th>
<th>PLO 3</th>
<th>PLO 4</th>
<th>PLO 5</th>
<th>PLO 6</th>
<th>PLO 7</th>
<th>PLO 8</th>
<th>PLO 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO 2</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CO 3</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CO 4</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>CO 5</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Media employed**
- White Board, paper, Laptop/Computer

**Reading List**
- Books or journals related to the topics.

**PLO and CO Mapping**
Program Studi/Study Programme: Matematika/Mathematics

FORMULIR PENILAIAN/ FORM OF ASSESSMENT
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 ≤ nilai ≤ 4)/ Results (1 ≤ Score ≤ 4)

<table>
<thead>
<tr>
<th>Komponen Penilaian /Components</th>
<th>Nilai/ Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 Kemandirian/Self-Independency (CO 1)</td>
<td></td>
</tr>
<tr>
<td>P2 Usaha dan Ketekunan/Effort and perseverance (CO1)</td>
<td></td>
</tr>
</tbody>
</table>

Yogyakarta, DD-MM-YEAR

Pembimbing I
Supervisor I

Pembimbing II
Supervisor II

( ) ( - )

Catatan: Nilai dikumpulkan sebelum ujian
Remark: The score has to be submitted before the examination
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 : 

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

Yogyakarta, -201...

Penguji/Examiner,

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

telah diselenggarakan ujian tugas akhir Skripsi (4 sks/6 sks) bagii/ 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% × P1 + 10% × P2 + 25%×N3+25%×N4+ 20%×N5+10%×N6 = .........., (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.


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:

\[
\begin{align*}
2.00 & : C \\
2.50 & : C+ \\
2.55 & : B/C \\
2.70 & : B- \\
2.75 & : B \\
3.00 & : B+ \\
3.15 & : A/B \\
3.25 & : A- \\
3.30 & : A
\end{align*}
\]