



**UNIVERSITAS INDONESIA**  
Faculty of Mathematics and Natural Sciences  
Department of Mathematics  
Building D, Kampus UI Depok 16424, Telp: 021 - 7863439,  
Email: sekretariat.math@sci.ui.ac.id, website: <https://www.math.ui.ac.id/>

### MODULE HANDBOOK

Module designation	<i>Undergraduate thesis</i>
Semester(s) in which the module is taught	<i>8 (eight)</i>
Person responsible for the module	<i>Undergraduate thesis supervisors</i>
Language	<i>Indonesian</i>
Relation to curriculum	<i>Special compulsory course</i>
Teaching methods	<i>project base problem, seminar</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 18 hours x 15 weeks + 2 hours x 1 weeks = 272 hours. Contact hours: 2 hours (100 minutes of discussion) per week. Private study including examination preparation, specified in hours<sup>1</sup>: 8 hours of structured activities and 8 hours of individual study per week.</i>
Credit points	<i>6 SKS (9,54 ECTS)</i>
Required and recommended prerequisites for joining the module	<i>Research Methods</i>

---

<sup>1</sup> When calculating contact time, each contact hour is counted as a full hour because the organisation of the schedule, moving from room to room, and individual questions to lecturers after the class, all mean that about 60 minutes should be counted.

<p>Module objectives/intended learning outcomes</p>	<p><i>After completing the course, students have the ability</i></p> <ol style="list-style-type: none"> <li>1. <i>To determine literature that is credible and relevant to the topic of the undergraduate thesis.</i></li> <li>2. <i>To formulate the problem and aims of the research.</i></li> <li>3. <i>To reconstruct research results for answering the research problems.</i></li> <li>4. <i>To write related theory with respect to the topic of the undergraduate thesis systematically.</i></li> <li>5. <i>To write research results in the undergraduate thesis.</i></li> <li>6. <i>To write references with respect to the format of the undergraduate thesis.</i></li> <li>7. <i>To explain research results systematically.</i></li> <li>8. <i>To give an oral presentation of the research results.</i></li> <li>9. <i>To defend the research results orally.</i></li> </ol>																				
<p>Content</p>	<ol style="list-style-type: none"> <li>1. <i>Formulating research problems and aims of research</i></li> <li>2. <i>Writing related theory</i></li> <li>3. <i>Writing research results</i></li> <li>4. <i>Compiling and citing references</i></li> <li>5. <i>Oral presentation of the undergraduate thesis</i></li> </ol>																				
<p>Examination forms</p>	<p><i>Undergraduate thesis</i></p> <p><i>Oral presentation of the undergraduate thesis</i></p>																				
<p>Study and examination requirements</p>	<p><i>The final mark will be weighted as follows:</i></p> <ol style="list-style-type: none"> <li>1. <i>Undergraduate thesis (80%)</i></li> <li>2. <i>Oral Presentation of the undergraduate thesis (20%)</i></li> </ol> <p><i>To successfully pass the module it requires a minimum 55% of the total mark.</i></p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><i>Mark</i></th> <th style="text-align: center;"><i>Grade</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><i>85 – 100</i></td> <td style="text-align: center;"><i>A</i></td> </tr> <tr> <td style="text-align: center;"><i>80 – &lt; 85</i></td> <td style="text-align: center;"><i>A-</i></td> </tr> <tr> <td style="text-align: center;"><i>75 – &lt; 80</i></td> <td style="text-align: center;"><i>B+</i></td> </tr> <tr> <td style="text-align: center;"><i>70 – &lt; 75</i></td> <td style="text-align: center;"><i>B</i></td> </tr> <tr> <td style="text-align: center;"><i>65 – &lt; 70</i></td> <td style="text-align: center;"><i>B-</i></td> </tr> <tr> <td style="text-align: center;"><i>60 – &lt; 65</i></td> <td style="text-align: center;"><i>C+</i></td> </tr> <tr> <td style="text-align: center;"><i>55 – &lt; 60</i></td> <td style="text-align: center;"><i>C</i></td> </tr> <tr> <td style="text-align: center;"><i>40 – &lt; 55</i></td> <td style="text-align: center;"><i>D</i></td> </tr> <tr> <td style="text-align: center;"><i>0 – &lt; 40</i></td> <td style="text-align: center;"><i>E</i></td> </tr> </tbody> </table>	<i>Mark</i>	<i>Grade</i>	<i>85 – 100</i>	<i>A</i>	<i>80 – &lt; 85</i>	<i>A-</i>	<i>75 – &lt; 80</i>	<i>B+</i>	<i>70 – &lt; 75</i>	<i>B</i>	<i>65 – &lt; 70</i>	<i>B-</i>	<i>60 – &lt; 65</i>	<i>C+</i>	<i>55 – &lt; 60</i>	<i>C</i>	<i>40 – &lt; 55</i>	<i>D</i>	<i>0 – &lt; 40</i>	<i>E</i>
<i>Mark</i>	<i>Grade</i>																				
<i>85 – 100</i>	<i>A</i>																				
<i>80 – &lt; 85</i>	<i>A-</i>																				
<i>75 – &lt; 80</i>	<i>B+</i>																				
<i>70 – &lt; 75</i>	<i>B</i>																				
<i>65 – &lt; 70</i>	<i>B-</i>																				
<i>60 – &lt; 65</i>	<i>C+</i>																				
<i>55 – &lt; 60</i>	<i>C</i>																				
<i>40 – &lt; 55</i>	<i>D</i>																				
<i>0 – &lt; 40</i>	<i>E</i>																				
<p>Reading list</p>	<ol style="list-style-type: none"> <li>1. <i>Related textbooks and articles.</i></li> <li>2. <i>Universitas Indonesia, Technical guide for writing undergraduate thesis, Rev. ed., 2017.</i></li> </ol>																				