# Module Description
# MPK 4015 Thesis Defense

| **Module Name** | **Thesis Defense** |
|---|---|
| **Module level, if applicable** | Undergraduate Programme |
| **Code, if applicable** | MPK 4015 |
| **Subtitle, if applicable** | - |
| **Course, if applicable** | - |
| **Semester(s) in which the module is taught** | Start in 7$^{th}$ Semester (odd and even semester) |
| **Module coordinator(s):** | Dr. Winda Rahmalia, S.Si., M.Si |
| **Lecturer** | Four lectures examiners each student |
| **Language** | Bahasa Indonesia |
| **Relation to curriculum** | Compulsory Courses for undergraduate programme in Chemistry |
| **Type of teaching, contact hours** | Independent Tasks/Independent Activities/Independent Learning |
| **Workload** | *340 minutes in 5 workdays for preparing scientific article draft and Thesis defence*<br>*14 weeks per semester,*<br>*79,33 total hours* |
| **Credit points** | 2 (3.34 ECTS) |
| **Requirements according to the examination regulations** | Has completed all of compulsory courses<br>Has completed $\geq$ 142 credits with cumulative grade point $\geq$ 2.00, and score D $\leq$ 7 SKS, and no score E at 142 credit hours of courses that have been taken.<br>Has a scientific article draft. |
| **Learning goals/competencies:** | **Intended Learning Outcomes (ILO)**<br>After taking this course, students will be able to:<br>● LO 1<br>● LO 2<br>● LO 3<br>● LO 4<br>● LO 5<br>● LO 6 |

<table>
<tr><td>Module objectives</td><td>
<ul>
<li>Students have logic, ethics, honesty, integrity, and a critical and open attitude in compiling a thesis.</li>
<li>Students are able to create drafts of scientific articles that are ready to be submitted to local, national or international scientific journals.</li>
<li>Students are able to answer clearly and scientifically questions in the field of chemistry asked by the examination team.</li>
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<tr><td>Content:</td><td>
<ul>
<li>Drafting a scientific article based on thesis</li>
<li>Defending thesis</li>
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<tr><td>Attribute Soft skill:</td><td>Discipline, collaboration, responsibility, and argumentation in discussion and seminar</td></tr>
<tr><td>Recommended prerequisites</td><td>Research Proposal Seminar, Thesis</td></tr>
<tr><td>Study and examination requirements and forms of examination</td><td>Students are considered to be competent and pass at least 70% of the maximum final grade. The final grade (NA) is calculated based on the following:
<table>
<tr><th>Assessment Components</th><th>Percentage Contribution</th></tr>
<tr><td>Writing format</td><td>8%</td></tr>
<tr><td>Creativity of ideas</td><td>16%</td></tr>
<tr><td>Topics raised</td><td>8%</td></tr>
<tr><td>Data and information sources</td><td>24%</td></tr>
<tr><td>Discussion, conclusions and transfer of ideas</td><td>24%</td></tr>
<tr><td>Systematic presentation and content, use of standard spoken language, presentation method (attitude), punctuality</td><td>4%</td></tr>
<tr><td>The truth and accuracy of the answers, the way of answering, the openness of the participants in the question and answer session</td><td>16%</td></tr>
<tr><td>Total</td><td>100%</td></tr>
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<tr><td>Learning Methods</td><td>Group discussion, conference, seminar</td></tr>
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| **Media employed** | white board; laptop; power point presentation; and e-learning system |
| **Reading list** | ● Guidebook for Writing Final Assignments for Bachelor of Chemistry Study Programs<br>● Books, scientific articles or other library sources related to research topics |