29. Bachelor thesis Defense

Module Name	:	Bachelor Thesis Defense
Module Level	:	Bachelor
Code, if applicable	:	23H06140504
Subtitle, if applicable	:	-
Courses, if applicable	:	Bachelor Thesis Defense
Semester(s) in which the module is taught	:	VII (Seventh Semester)
Module coordinator(s)	:	Dr. Muhammad Alimuddin, Eng.
Lecturer(s)	:	Dr. Muhammad Alimuddin, Eng.
Language	:	Bahasa (Indonesian language)
Relation to curriculum	:	Compulsory courses in the fourth year for Bachelor Degree in Geophysics
Type of teaching, contact hours	:	This course employs Project or Case-based Learning, where students independently conduct a comprehensive geophysical research project under close supervision. Learning activities include research manuscript refinement, data acquisition and processing, interpretation, thesis writing, and dissemination preparation. Contact hours consist of 210 minutes per week for scheduled activities (seminar presentation and supervision meetings) and 465 minutes per week for independent study, including data processing, interpretation, preparation of research progress reports, case/project evaluations, and writing as well as submission of the thesis manuscript
Workload	:	Total workload is 180 hours per semester, consisting of 56 hours scheduled activities (seminar and supervision sessions) and 124 hours independent study (research, writing, revision)
Credit points	:	4 SKS (6.4 ECTS)
Requirements according to the examination regulations	:	Students are eligible to oral presentation if they meet the following requirements: i) have passed the Bachelor Thesis Research Seminar Course, ii) have obtained approval for their draft/manuscript from the supervisor(s), iii) have received an approval letter from the Head of Study Program and the Dean, iv) have obtained a thesis permission letter from the Directorate of Education, Hasanuddin University
Recommended prerequisites	:	- Research Methodology - Bachelor Thesis Research Seminar

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<td>Module objectives/intended learning outcomes</td>
<td>:</td>
<td>After completion of this module, students will be able to:

CLO 1. Students are able to use geophysical concepts that have been studied in previous courses as solutions to earth issues that are developing in society from a geophysical point of view;

CLO 2. Students have self-confidence, good ethics, and good performance in oral and written communication;

CLO 3. Students are able to write scientific research proposals and scientific presentations.

The following is the mapping of the ILO and the CLO of this course:

<table>
<tr><th></th><th>ILO 8</th><th>ILO 9</th><th>ILO 10</th></tr>
<tr><td>CLO 1</td><td>✓</td><td></td><td></td></tr>
<tr><td>CLO 2</td><td></td><td>✓</td><td></td></tr>
<tr><td>CLO 3</td><td></td><td></td><td>✓</td></tr>
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<td>Content</td>
<td>:</td>
<td>1. Determination of thesis topic.

2. Search for scientific literature as a theoretical basis in the development, design, or research for the thesis.

3. Preparation of background, problem formulation, scope, and objectives of the thesis.

4. Preparation of literature review.

5. Preparation of method design.

6. Presentation of the thesis research proposal in a draft proposal in scientific writing format.

7. Dissemination in a proposal seminar and defending the idea through effective communication, both verbally and in writing.</td>
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<td>Study and examination requirements</td>
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<td>Participants are marked based on their performance in theory: Project or Case Study (100%).

Students are marked based on their percentage of points obtained and based on the following grade scale:

<table>
<tr><th>Percentage of Achievement</th><th>Grade</th><th>Conversion Value</th></tr>
<tr><td>85 – 100</td><td>A</td><td>4.00</td></tr>
<tr><td>80 - <85</td><td>A-</td><td>3.75</td></tr>
<tr><td>75 - < 80</td><td>B+</td><td>3.5</td></tr>
<tr><td>70 - < 75</td><td>B</td><td>3.0</td></tr>
<tr><td>65 - < 70</td><td>B-</td><td>2.75</td></tr>
<tr><td>60 - < 65</td><td>C+</td><td>2.5</td></tr>
<tr><td>50 - < 60</td><td>C</td><td>2.00</td></tr>
<tr><td>40 - < 50</td><td>D</td><td>1.00</td></tr>
<tr><td>< 40</td><td>E</td><td>0.00</td></tr>
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<td>Exams and assessment formats</td>
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<td>The assessment for this course is conducted through both manuscript (bachelor thesis) and oral presentation/evaluations. Assessment components and weight distribution are as follows:

1. Bachelor thesis/Manuscript (60%)

Evaluation focuses on the quality, structure, and academic rigor of the written work, including: introduction, research methods, writing technique and language use, results, discussion, conclusion and recommendations, and references.

2. Oral Presentation/Defense (40%)

Evaluation focuses on communication, mastery of content, and professional presentation skills, including: presentation structure and organization, use of audio-visual aids, time management, mastery of material and accuracy in responding to questions, and attitude as well as professionalism during presentation.</td>
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Reading list		1. Hasanuddin University Regulations on Final Projects. 2. Guidelines and formats for writing and compiling final projects at the department, faculty, and university levels. 3. Teaching materials for courses related to the final project topic. 4. Primary and supporting literature for courses related to the final project topic. 5. Relevant reputable international journals published in the last 5 years.
Last revision date		July 1st, 2025