

Module Handbook

Module Name:	Thesis
Module Level:	Sarjana (S-1) / Bachelor
Abbreviation, if applicable:	8420206202
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	7 / 4 th year
Module Coordinator(s):	Rooselyna Ekawati, Ph.D.
Lecturer(s):	Thesis Supervisor
Language:	Indonesia
Relation to Curriculum:	End year students, Compulsory course
Teaching format/class hours per week during the semester	Teaching format: discussion (individual guidance), self-working/individual study. 6 x 170 minutes = 1020 minutes = 17 hours lectures
Workload:	15 weeks per semester consisting of: <ul style="list-style-type: none"> ➤ 2 hours discussion with supervisor (2 x 50 minutes) per week, ➤ 15 hours self-working activities for thesis (15 x 60 minutes) per week, Total workload : 14x6x170 minutes = 14,280 minutes = 9.51 ECTS*
Credit Point:	6
Requirements:	-
Learning Goals :	<p>KNO-1 CLO-1 Able to apply mathematical knowledge and insight in order to complete the final project (thesis).</p> <p>KNO-2 CLO-2 Able to demonstrate pedagogical knowledge in designing, implementing, and evaluating Mathematics learning in order to complete the final project (thesis).</p> <p>KNO-3 CLO-3 Able to demonstrate knowledge related to mathematics education research in order to complete the final project (thesis).</p> <p>SKI-1 CLO-4 Able to design, implement and evaluate the teaching and learning process of mathematics using ICT in order to complete the final project (thesis).</p>

	<p>COM-1 CLO-5 Able to communicate ideas and research results effectively both orally and in writing in order to complete the final project (thesis).</p> <p>COM-2 CLO-6 Able to make decisions based on research results in completing the final project (thesis) which is the responsibility.</p> <p>SOC-1 CLO-7 Able to show a scientific, critical and innovative attitude in learning mathematics and in professional assignments in order to complete the final project (thesis).</p> <p>SOC-2 CLO-8 Able to demonstrate religious and cultural values as well as academic ethics in carrying out professional duties in order to complete the final project (thesis).</p>
Content	<p>The thesis subject is carried out independently, accompanied by a supervisor for combining knowledge of mathematics, mathematics education, and research methodology in designing and conducting research, reporting and accounting for research results both in writing and orally. In the thesis course guidance activities, students independently write proposals, collect data, analyze the data, and write research reports with the supervision and guidance of their supervisors. The final activity of this thesis is to present the research results orally in front of the examiner team.</p>
Study/exam achievements	<p>Final score for Thesis is calculated as follows:</p> <ul style="list-style-type: none"> ➤ The final assessment of the thesis course is based on the guidance value and the score at the time of the exam which is calculated by the formula $Final\ Score = \frac{7U+3P}{10}$ where U is the test score and P is the guidance value. ➤ The value of guidance is obtained from the average component value (p1) of mastery of the material, (p2) of thesis completion time, (p3) attitude, and (p4) persistence and tenacity. ➤ The test score is obtained from the average value of the components of the written thesis, including (u1) the conformity of the format with the thesis writing guidelines, (u2) clarity and clarity of the background, problem formulation / research questions, objectives, discussion and conclusions, (u3) study description in-depth literature and relevant to research topics, (u4) current research topics and library sources, (u5) suitability of research design (method) with research implementation and

results, (u6) language quality, and (u7) authenticity (originality), and presentation Thesis, including (u8) clarity of presentation, (u9) mastery of the material, and (u10) ability to answer.

➤ Final index is defined as follow:

Index	Converted Score	Score Range
A	4.00	$85 \leq A \leq 100$
A-	3.75	$80 \leq A- < 85$
B+	3.50	$75 \leq B+ < 80$
B	3.00	$70 \leq B < 75$
B-	2.75	$65 \leq B- < 70$
C+	2.50	$60 \leq C+ < 65$
C	2.00	$55 \leq C < 60$
D	1.00	$40 \leq D < 55$
E	0.00	$0 \leq E < 40$

Forms of Media	Slides and LCD projectors, whiteboard
Literature	[1] Thesis writing manual, <i>Universitas Negeri Surabaya</i> .
Note	*Total hours per 1 credit in 1 semester={ (1 credit x 170 minutes x 14 weeks)/60 minutes}=39.67 hours. each ECTS equals with 25 hours therefore 1 credit in 1 semester equals 1.59 ECTS.