



UNIVERSITAS SEBELAS MARET
FACULTY OF TEACHER TRAINING AND EDUCATION
BACHELOR OF BIOLOGY EDUCATION STUDY PROGRAM

Building D 3rd Floor FTTE UNS Jl Ir. Sutami No. 36 A Kentingan Surakarta 57126 Indonesia

E-mail: biologi@fkip.uns.ac.id; Website: <https://biologi.fkip.uns.ac.id/en/>

Thesis 1

Undergraduate Programme in Biology Education

Module Handbook

Module Name	Thesis 1 (Skripsi 1)
Module level	Undergraduate Programme
Course Code	02013143010
Abbreviation, if applicable	-
Courses included in the module, if applicable	-
Semester/Term	7 th / Fourth Year
Module coordinator (s)	-
Lecturer (s)	-
Language	Bahasa Indonesia (Indonesian Language)
Classification within the curriculum	Compulsory/ Elective
Credit	2 CSU (3 ECTS)
Teaching format/class hours per week during the semester	-
Workload	90.7 hours for constructing a research proposal, attending the seminar of proposals, and presenting research proposal
Requirements	Have accomplished compulsory courses from 1st to 6st semester
Learning goals/competencies	PLO 3 They are able to analyze, evaluate, design, and implement the lesson plan, and counselling program based on pedagogical knowledge PLO 4 They are able to demonstrate the research methodology in biology, its teaching and learning, and publish the results of the research PLO 8 They are able to communicate verbal and nonverbal effectively using the proper media PLO 10 They are able to demonstrate creativity, accuracy, discipline, responsibility, adaptability, have an independent initiative, autonomous learning, and do lifelong learning



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	CLO 1 : Students can conduct research and analyze research data (PLO3; PLO4; PLO8; PLO10) CLO2 : Students can compose a research thesis script (PLO3; PLO4; PLO8; PLO10) CLO3 : Students can compile research articles (PLO3; PLO4; PLO8; PLO10) CLO4 : Students can defend their research results in front of the examiner (PLO3; PLO4; PLO8; PLO10)																																																							
	<table><tr><th>CLO/ PLO</th><th>PL O1</th><th>PL O2</th><th>PL O3</th><th>PL O4</th><th>PL O5</th><th>PL O6</th><th>PL O7</th><th>PL O8</th><th>PL O9</th><th>P LO 10</th></tr><tr><td>CLO1</td><td></td><td></td><td>*</td><td>*</td><td></td><td></td><td></td><td></td><td>*</td><td></td></tr><tr><td>CLO2</td><td></td><td></td><td>*</td><td>*</td><td></td><td></td><td></td><td>*</td><td></td><td>*</td></tr><tr><td>CLO3</td><td></td><td></td><td>*</td><td>*</td><td></td><td></td><td></td><td>*</td><td></td><td>*</td></tr><tr><td>CLO4</td><td></td><td></td><td>*</td><td>*</td><td></td><td></td><td></td><td>*</td><td></td><td>*</td></tr></table>	CLO/ PLO	PL O1	PL O2	PL O3	PL O4	PL O5	PL O6	PL O7	PL O8	PL O9	P LO 10	CLO1			*	*					*		CLO2			*	*				*		*	CLO3			*	*				*		*	CLO4			*	*				*		*
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CLO4			*	*				*		*																																														

Content	Thesis 1 is a course taken by students who have taken all biology and pedagogical courses. The activities are about 3 months of research planning, followed by thesis script plan writing and presenting the research proposal. The research proposal must follow the guidelines for writing thesis proposal for undergraduate of FTTE UNS		
Attribute Soft skill	Creativity, problem solving, responsibility, persistence		
Study/exam achievements	The assessment included these aspects:		
	No	Aspect	Proportion
	1	Writing structure and logic	1.0
	2	Depth and breadth of Theory	1.5
	3	Argumentation Theories develop a framework of thought and draw conclusions	1.5
	4	Originality	0.5
	5	Theory Relevance with Field of Study	1.0
	6	The correct use of the gathering technique and Data Analysis	1.5
	7	Discussion of data analysis conclusions and Submission of Suggestions	1.0
8	Authenticity of Submission of Language	1.0	



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		and Grammar	
	9	Performance and Exam	1.0
		Total	10.00
Learning Methods	Learning by solving the research problem, construct the methodology, literature, and script writing.		
Form of Media	-		
Literature (primary references)	-		