

Module Description

Module name	Course Module of Thesis
Module level, if applicable	Magister of Biology Education
Code, if applicable	30084024
Subtitle, if applicable	-
Course, if applicable	Thesis
Semester(s) in which the module is taught	I
Person responsible for the module	Lecturer of Courses
Lecturer	Dr. Supriyatin, M.Si
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is a mandatory course for Magister of Biology Education and offered in the 1 st semester.
Type of teaching, contact hours	<p>Teaching methods used in this course are:</p> <ul style="list-style-type: none"> - Supervising and research - Thesis defense presentation - <p>The class size for lecture is 20 students. Contact hours for lecture is 23 hours, assignments are 28 hours</p>
Workload	<p>For this course, students required to meet a minimum of 136 hours in one semester, which consist of:</p> <ul style="list-style-type: none"> - 40 hours (1.41 ECTS) for lecture, - 48 hours (1.71 ECTS) for structured assignments, - 48 hours (1.71 ECTS) for private study,
Credit points	3 credit points (equivalent with 4.8 ECTS)
Requirements according to the examination regulations	Students must have attended all classes and submitted all class assignments that are scheduled before the final tests.
Recommended prerequisites	A student must have conducted the supervising, research, and publish scientific paper that are scheduled before the Thesis Defense Presentation.

Module objectives/intended learning outcomes	<p>After completing the course and given with this case:</p> <ol style="list-style-type: none"> 1. Able to apply analytical, critical, innovative, and abstraction thinking skills in the field of biology education (PLO2) 2. Able to collaborate in multicultural groups and collaborate with various parties/stakeholders in solving a problem in the field of education (PLO3). <p>Specific Competences:</p> <ol style="list-style-type: none"> 1. Able to design and publish a research through various approaches/methods to solve problems in the field of biology education (PLO5). 2. able to analyze and synthesize problem solutions in biology learning through interdisciplinary, transdisciplinary
Content	<p>Students will learn about:</p> <p>The meaning of a thesis and its components, determine a research topic/theme and a mentor to complete a thesis, draft of research report, how to display the appropriate research result according to the research topic/theme, writing an article to publish and create effective and efficient presentation slides.</p>
Forms of Assessment	<p>Assessment of the honors thesis research is carried out by the defense committee using rubric developed by program study based on students' presentation.</p> <p>Final index is defined as follow:</p> <p>A (86-100); A- (81-85); B+ (76-80); B (71-75); B- (66-70); C+ (61-65); C (56-60); C- (51-55); D (46-50); E (0-45)</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend an hour before the thesis defense presentation starts. - Students must switch off all electronic devices. - Students must submit the publishing (journal) before the deadline. - Students must attend the thesis defense presentation to get final grade. <p>Form of examination:</p> <p>Written exam: Thesis defense</p>
Media employed	Direct Whiteboard, Power Point Presentation, Projector, online conference platform
Reading List	<ol style="list-style-type: none"> 1. Ewing, A.C. 2008. Persoalan-persoalan Mendasar Filsafat. Yogyakarta: Pustaka Pelajar. 2. Noeng Muhadjir. 2011. Filsafat Ilmu. Yogyakarta: Noeng Muhadjir. 3. Donald Ary, Jacobs, L.C., Sorensen, C., Razavieh, A., 2010. Introduction to Research in Education, Belmont, Nelson Education, Ltd. 4. John W. Best, James V. Kahn., Research in Education, 2006, Boston: Pearson Education, Inc. 4. John W. Creswell, 2012, Educational Research, Pearson: Boston

	<ol style="list-style-type: none"> 5. Kim Chwee Daniel Tan, Mijung Kim, 2012, Issues and Challenges in Science Research, New York: Springer 6. Buku pedoman akademik (BPA) Program Pasca UNJ Tahun 2018 7. Buku Pedoman Akademik (BPA) FMIPA Tahun 2020 8. Mekanisme penulisan Tesis Program Magister Pendidikan FMIPA, 2017
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