

## Module Description

<b>Module name</b>	Course Module of Pre-Thesis Seminar
<b>Module level, if applicable</b>	Magister of Biology Education
<b>Code, if applicable</b>	30061013
<b>Subtitle, if applicable</b>	-
<b>Course, if applicable</b>	Pre-Thesis Seminar
<b>Semester(s) in which the module is taught</b>	I
<b>Person responsible for the module</b>	Lecturer of Courses
<b>Lecturer</b>	Dr. Hanum Isfaeni, M.Si
<b>Language</b>	Indonesian Language [Bahasa Indonesia]
<b>Relation to Curriculum</b>	This course is a mandatory course for Magister of Biology Education and offered in the 1 <sup>st</sup> semester.
<b>Type of teaching, contact hours</b>	<p>Teaching methods used in this course are:</p> <ul style="list-style-type: none"> <li>- Writing, article review, Supervising</li> <li>- Thesis proposal defense presentation</li> <li>-</li> </ul> <p>The class size for lecture is 30 students. Contact hours for lecture is 23 hours, assignments are 28 hours</p>
<b>Workload</b>	<p>156 hours in one semester, which consist of:</p> <p>70.00 hours for independent study : reading references, article review</p> <p>50 hours for proposal thesis</p> <p>20 hours for supervising</p> <p>10 hour for article publishing</p> <p>6 hours for Seminar</p> <p>1 ECTS = 30 hours</p> <p>156 hours = 5.2 ECTS</p> <p>-</p>
<b>Credit points</b>	2 credit points (equivalent with 5.2 ECTS)
<b>Requirements according to the examination regulations</b>	Students must have attended all classes and submitted all class assignments that are scheduled before the final tests.

<b>Recommended prerequisites</b>	Students must have attended all classes and submitted all class assignments that are scheduled before the final tests.
<b>Module objectives/intended learning outcomes</b>	<p>After completing the course and given with this case:</p> <ol style="list-style-type: none"> <li>1. Able to apply analytical, critical, innovative, and abstraction thinking skills in the field of biology education (PLO2)</li> <li>2. Able to collaborate in multicultural groups and collaborate with various parties/stakeholders in solving a problem in the field of education (PLO3).</li> </ol> <p><b>Specific Competences:</b></p> <ol style="list-style-type: none"> <li>1. Able to design and publish a research through various approaches/methods to solve problems in the field of biology education (PLO5).</li> <li>2. able to analyze and synthesize problem solutions in biology learning through interdisciplinary, transdisciplinary</li> </ol>
<b>Content</b>	<p><b>Students will learn about:</b></p> <p>The ontological, epistemological and axiological foundations in Biology Education, basic concepts of philosophy of science, philosophy of science and human beings, and their differences from other branches of science..</p>
<b>Forms of Assessment</b>	<p>Assessment of the thesis research proposal 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>
<b>Study and examination requirements and forms of examination</b>	<p><b>Study and examination requirements:</b></p> <ul style="list-style-type: none"> <li>- Students must attend an hour before the thesis defense presentation starts.</li> <li>- Students must switch off all electronic devices.</li> <li>- Students must submit the publishing (journal) before the deadline.</li> <li>- Students must attend the thesis proposal defense presentation to get final grade.</li> </ul> <p><b>Form of examination:</b></p> <p>Written exam: Thesis proposal defense</p>
<b>Media employed</b>	Direct Whiteboard, Power Point Presentation, online conference platform
<b>Reading List</b>	<ol style="list-style-type: none"> <li>1. Ewing, A.C. 2008. Persoalan-persoalan Mendasar Filsafat. Yogyakarta: Pustaka Pelajar.</li> <li>2. Noeng Muhadjir. 2011. Filsafat Ilmu. Yogyakarta: Donald Ary, Jacobs, L.C., Sorensen, C., Razavieh, A., 2010. Introduction to Research in Education, Belmont, Nelson Education, Ltd.</li> </ol>

	<ol style="list-style-type: none"> <li>3. John W. Best, James V. Kahn., Research in Education, 2006, Boston: Pearson Education, Inc.</li> <li>4. John W. Creswell, 2012, Educational Research, Pearson: Boston</li> <li>5. Kim Chwee Daniel Tan, Mijung Kim, 2012, Issues and Challenges in Science Research, New York: Springer</li> <li>6. Buku pedoman akademik (BPA) Program Pasca UNJ Tahun 2018</li> <li>7. Buku Pedoman Akademik (BPA) FMIPA Tahun 2020</li> <li>8. Mekanisme penulisan Tesis Program Magister Pendidikan FMIPA, 2017</li> </ol>
--	---