



MINISTRY OF EDUCATION AND CULTURE
UNIVERSITAS NEGERI SURABAYA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF NATURAL SCIENCES

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Undergraduate Programme in Science Education

Module Handbook

| Module Name: | <i>Seminar</i> (Seminar) | | | | |
|---|---|-----------------------|-------------------------|---------------|-----|
| Module Level: | Bachelor degree/Undergraduate Programme | | | | |
| Course Code: | 8420102142 | | | | |
| Abbreviation, if applicable: | - | | | | |
| Courses included in the module, if applicable: | Not applicable | | | | |
| Semester/term | VI/third year (junior) | | | | |
| Module coordinator(s): | Dr. Wahono Widodo, M.Si. | | | | |
| Lecturer(s): | All lecturers | | | | |
| Language: | <i>Bahasa Indonesia</i> (Indonesian Language) | | | | |
| Classification within the curriculum: | Compulsory / Elective | | | | |
| Teaching format/class hours per week during the semester: | 2 contact hours of lectures (Indonesia credit semester or <i>sks</i> *) | | | | |
| Workload: | 2 x 100 minutes lectures, 2 x 70 minutes structured activity, 14 weeks per semester, 79 total hours per semester ~ 3.18 ECTS** | | | | |
| Credit point: | 2 <i>sks</i> (3.18 ECTS) | | | | |
| Requirements: | Research Method | | | | |
| Learning goals/competencies: | <p>Course Learning Outcomes (CLOs): After taking this course, students will be able to:</p> <ol style="list-style-type: none"> 1. Master the basics of making research proposals/articles in science education that reflect the ability of reasoning to formulate procedural problem solving in science education. 2. Make strategic decisions based on data and information. Including the results of input, ideas, ideas, colleagues, colleagues, references, and provide ideas for choosing various alternative solutions. 3. Responsible for the task of making and presenting research proposals and / or articles. | | | | |
| Content: | This course discusses the role of seminars in science education, library / field / laboratory studies on a topic in science education, writing study results in the form of papers (research proposal) and / or articles, and presenting them orally in seminars. | | | | |
| Attribute Soft skill: | Collaboration and argumentation in the natural classroom setting. | | | | |
| Study/exam achievements: | <p>Students are considered to be competent and pass if at least get 40% of the maximum final grade. The final grade (NA) is calculated based on the following weight:</p> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="background-color: yellow;">Assessment Components</th> <th style="background-color: yellow;">Percentage Contribution</th> </tr> </thead> <tbody> <tr> <td>Participation</td> <td style="text-align: center;">20%</td> </tr> </tbody> </table> | Assessment Components | Percentage Contribution | Participation | 20% |
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| Participation | 20% | | | | |

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|----------------------------------|--|-------------|
| | Assignment | 30% |
| | Mid-semester test | 20% |
| | Final semester test | 30% |
| | Total | 100% |
| Learning Methods | Discussion, project-based learning and presentation (structured activities) | |
| Form of Media: | LCD, PowerPoint slides, and virtual learning platform | |
| Literature (primary references): | <ol style="list-style-type: none"> 1. Tim Jurnal Unesa. 2012. Template e-journal unesa. www.ejournal.unesa.ac.id 2. Tim. 2005. Pedoman Penulisan Skripsi Universitas Negeri Surabaya. Surabaya: Unesa University Press. 3. Widodo, W. 2004. Penulisan Karya Ilmiah. Jakarta: Direktorat PSMP. 4. Tim Seminar Nasional. 2013. Prosiding Seminar Nasional Pendidikan Sains Tahun 2013. Surabaya: Unesa University Press. 5. Tim Seminar Nasional. 2012. Prosiding Seminar Nasional Pendidikan Sains Tahun 2012. Surabaya: Unesa University Press 6. Widodo, W. 2004. Penulisan Karya Ilmiah. Jakarta: Direktorat PSMP. | |
| Notes: | <p>*1 sks in learning process = three contact hours that consist of: (a) scheduled instruction in a classroom or laboratory (50 minutes); (b) structured activity (60 minutes); and (c) individual activity (60 minutes) according to the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 44 Year 2015 jo. the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 50 Year 2018.</p> <p>**1 sks = 1,59 ECTS</p> | |