



**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**

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| Module Name:  | <i>Pembelajaran Mikro</i><br>(Microteaching)   |
| Module Level:   | Bachelor degree/Undergraduate Programme  |
| Course Code:  | 8420102181   |
| Abbreviation, if applicable:                              | Not applicable   |
| Courses included in the module, if applicable:            | Not applicable   |
| Semester/term   | VI/third year (junior)   |
| Module coordinator(s):                                    | Prof. Dr. Erman, M.Pd.   |
| Lecturer(s):  | All lectures   |
| Language:   | <i>Bahasa Indonesia</i> (Indonesian Language)  |
| Classification within the curriculum:                     | Compulsory / <del>Elective</del>   |
| Teaching format/class hours per week during the semester: | 2 contact hours of lectures (Indonesia credit semester or <i>sks</i> *)  |
| Workload:   | 2 x 50 minutes lectures, 2 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 90 total hours per semester ~ 3.18 ECTS**  |
| Credit point:   | 2 <i>sks</i> (3.18 ECTS)   |
| Requirements:   | -  |
| Learning goals/competencies:                              | <p><b>Course Learning Outcomes (CLOs):</b><br/>After taking this course, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Have knowledge of the concept, scope, and examples of observation, analysis and evaluation activities on activities related to school culture, school management, formal, curricular, co-curricular and extracurricular activities;</li> <li>2. Have the ability to utilize information technology and multimedia in practicing developing clinical supervision, school-based management, planning, implementation and evaluation of learning taking into account the diversity of students based on the guidance of the Civil Service Teacher and Supervisor;</li> <li>3. Have an understanding of concepts in decision-making to develop approaches/methods, designs (syllabus), procedures (techniques in the classroom), learning materials and media based on observations at school; and</li> <li>4. Responsible for communicating the results of observations in developing planning, implementation and evaluation of learning through teaching exercises.</li> </ol> |
| Content:  | This course provides an understanding of the activities of observation, analysis and direct appreciation of activities related to school culture, school management, planning, implementation and evaluation of learning by taking into  |

|                                  | account the diversity of students, formal, curricular, cocurricular, and extracurricular activities as well as school dynamics as a educational and learning development institutions.  |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
|----------------------------------|---|-----------------------|-------------------------|---------------|-----|------------|-----|-------------------|-----|---------------------|-----|--------------|-------------|
| Attribute Soft skill:            | Discipline, collaboration, responsibility, and public speaking for teaching 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"> <thead> <tr> <th>Assessment Components</th> <th>Percentage Contribution</th> </tr> </thead> <tbody> <tr> <td>Participation</td> <td>20%</td> </tr> <tr> <td>Assignment</td> <td>30%</td> </tr> <tr> <td>Mid-semester test</td> <td>20%</td> </tr> <tr> <td>Final semester test</td> <td>30%</td> </tr> <tr> <td><b>Total</b></td> <td><b>100%</b></td> </tr> </tbody> </table>   | Assessment Components | Percentage Contribution | Participation | 20% | Assignment | 30% | Mid-semester test | 20% | Final semester test | 30% | <b>Total</b> | <b>100%</b> |
| Assessment Components            | Percentage Contribution   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Participation                    | 20%   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Assignment                       | 30%   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Mid-semester test                | 20%   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Final semester test              | 30%   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| <b>Total</b>                     | <b>100%</b>   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Learning Methods:                | Constructivist, student-centred approach, lecturing, discussion, and presentation (structured activities)   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Form of Media:                   | LCD, PowerPoint slides, learning multimedia, laboratory apparatus and devices, and worksheets   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Literature (primary references): | <ol style="list-style-type: none"> <li>Lakshmi, M. J. (2009). <i>Microteaching and Prospective Teachers</i>. Discovery Publishing House.</li> <li>Arend, R. I. (2012). <i>Learning to Teach</i>. New York: Mc Grow-Hill International Edition.</li> <li>Orlich, D. C., Harder, R. J., Callahan, R. C., Trevisan, M. S., &amp; Brown, A. H. (2012). <i>Teaching Strategies: A Guide to Effective Instruction</i>. Cengage Learning.</li> <li>Muliawan, J. U. (2017). <i>45 Model Pembelajaran Spektakuler</i>. Jogjakarta: AR-Ruzz Media.</li> <li>Mulyasa, E. (2004). <i>Manajemen Berbasis Sekolah: Konsep, Strategi, dan Implementasi</i>. Bandung: Remaja Rosdakarya.</li> <li>Sani, R. A. (2016). <i>Inovasi Pembelajaran</i>. Jakarta: Bumi Aksara.</li> <li>Wena, M. (2016). <i>Strategi Pembelajaran Inovatif Kontemporer: Suatu Tinjauan Konseptual Operasional</i>. Jakarta: Bumi Aksara.</li> </ol> |                       |                         |               |     |            |     |                   |     |                     |     |              |             |
| Notes:                           | <p><b>*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)</b> 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><b>**1 sks = 1,59 ECTS</b></p>   |                       |                         |               |     |            |     |                   |     |                     |     |              |             |