



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>Teori Belajar</i> (Learning Theories) |
| Module Level: | Bachelor degree/Undergraduate Programme |
| Course Code: | 8420103155 |
| Abbreviation, if applicable: | TB |
| Courses included in the module, if applicable: | Not applicable |
| Semester/term | II/first year (freshman) |
| Module coordinator(s): | Enny Susiyawati, S.Si., M.Sc., M.Pd., Ph.D |
| Lecturer(s): | Prof. Dr. Erman, M.Pd. Enny Susiyawati, S.Si., M.Sc., M.Pd., Ph.D. Tutut Nurita, S.Pd., M.Pd. An Nuril Maulida, S.Pd., M.Pd. |
| Language: | <i>Bahasa Indonesia</i> (Indonesian Language) |
| Classification within the curriculum: | Compulsory / Elective |
| Teaching format/class hours per week during the semester: | 3 contact hours of lectures (Indonesia credit semester or <i>sks</i> *) |
| Workload: | 3 x 50 minutes lectures, 3 x 60 minutes structured activity, 3 x 60 minutes individual activity, 14 weeks per semester, 119 total hours per semester ~ 4.77 ECTS** |
| Credit point: | 3 <i>sks</i> (4.77 ECTS) |
| Requirements: | - |
| Learning goals/competencies: | Course Learning Outcomes (CLOs): After taking this course, students will be able to: 1. Explain learning theories that are relevant for integrated science teaching and learning. 2. Apply the knowledge of learning theories to various teaching and learning phenomena. 3. Apply substantive concepts in learning theories to solve relevant problems. 4. Design and simulate a learning activity based on a particular learning theory. |
| Content: | Behavioristic learning theories, Social learning theories, Cognitive learning theories, Constructivist learning theories, Motivational learning theories, and Humanistic learning theories. |
| Attribute Soft skill: | Discipline, collaboration, responsibility, and critical thinking. |
| Study/exam achievements: | 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: |

| | Assessment Components | Percentage Contribution |
|----------------------------------|---|-------------------------|
| | Participation | 20% |
| | Assignment | 30% |
| | Mid-semester test | 20% |
| | Final semester test | 30% |
| | Total | 100% |
| Learning Methods | Constructivist, student-centre approach, discussion, students' presentation, and simulation. | |
| Form of Media: | White Board, LCD projector, Laptop, internet, power point slides, and worksheet. | |
| Literature (primary references): | <ol style="list-style-type: none"> 1. Hergenhahn, B. R. & Olson, Matthew H. 2012. <i>Theories of Learning (Teori Belajar)</i>. Edisi Ketujuh. Jakarta: Kencana Prenada Media Group. 2. Santrock, J. W. 2008. <i>Educational Psychology. Third Edition</i>. Boston: McGraw-Hill. 3. Slavin, R. E. 2011. <i>Psikologi Pendidikan Teori dan Praktik. Edisi Kesembilan Jilid 1</i>. Jakarta: PT Indeks. 4. Woolfolk, A. 2010. <i>Educational Psychology, Global Edition. Eleventh Edition</i>. New Jersey: Pearson Education. 5. Scunk, D. H. 2012. <i>Learning Theories: An Educational Persepctives. Sixth Edition</i>. New Jersey: Pearson Education. | |
| 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> | |