



UNIVERSITAS NEGERI PADANG
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
MATHEMATICS DEPARTMENT, MATHEMATICS EDUCATION STUDY PROGRAM
Main Campus Universitas Negeri Padang,
Jalan Prof. Dr. Hamka Air Tawar Padang, Sumatera Barat
Phone: +62 751 7053902, Fax: +62 751 7055628
Email: matematika@fmipa.unp.ac.id

Bachelor of Mathematics Education

MODULE HANDBOOK

Module name:	Basics Educational Science
Module level, if applicable:	Bachelor
Code:	UNP1.61.1201
Sub-heading, if applicable:	-
Classes, if applicable:	Basics Educational Science
Semester:	3 rd (third)
Module coordinator:	Dr. Setiawati, M.Si.
Lecturer(s):	Dr. Setiawati, M.Si., and Team
Language:	Bahasa Indonesia
Classification within the curriculum:	University Compulsory Course
Teaching format / class hours per week during the semester:	Teaching format: <ul style="list-style-type: none">• Lectures (face to face activities): Group discussion, expository, and questions and answer• Structured assignment, and• Independent activities. 2 x 170 minutes = 340 minutes = 5.67 hours
Workload:	16 weeks per semester include Midterm Exam and Final Exam which consist of: <ul style="list-style-type: none">• 1.67 hours lectures (2 x 50 minutes) per week,• 2 hours structured assignments (2 x 60 minutes) per week,• 2 hours independent activities (2 x 60 minutes) per week, 16 x 2 x 170 minutes = 5440 minutes = 90.6 hours = 3.02 ECTS
Credit points:	2 SKS (3.02 ECTS)
Prerequisites course(s):	-

Course outcomes:	<p>After taking this course, the students have ability to:</p> <p>CO 1. Understand the nature of humans, the nature of knowledge education, foundation and principles of education, thoughts about education, pillars of education, education as a system, the implementation of National education and the implementation of education in the era of globalization, information and communication technology.</p> <p>CO 2. Show responsibility attitude towards independent activities and team works.</p>
Content:	<p>This course discusses:</p> <ol style="list-style-type: none"> 1. education 2. foundation and principles of education 3. thoughts about education 4. pillars of education 5. education as a system 6. the implementation of national education and 7. the implementation of education in the era of globalization, information and communication technology
Study/exam achievements:	<p>Total Score = (30% x Midterm Exam Score) + (40% x Final Exam Score) + (20% x Assignment: paper presentations, study cases, and resume) + (10% x Activities)</p> <p>The initial cut - off points for grades A, A-, B+, B, B-, C+, C, C-, and D should not be less than 85, 80, 75, 70, 65, 60, 55, 50, and 40 out of 100 respectively.</p> <p>Explanation:</p> <ol style="list-style-type: none"> 1. Midterm Exam <ul style="list-style-type: none"> ✓ Midterm Exam will be conducted in the 9th meeting . ✓ Midterm Exam is in the form of a written test (essay) and will be conducted in the classroom. ✓ The time allocation is 120 minutes according to the module schedule. 2. Final Exam <ul style="list-style-type: none"> ✓ Final Exam will be conducted in the 16th meeting. ✓ Final Exam is in the form of a written test (essay) and will be conducted in the classroom. ✓ The time allocation is 120 minutes which follows the Final Exam schedule. 3. Assignment <ul style="list-style-type: none"> ✓ Paper Presentations: Students will be divided into several small groups. Each of the groups will assign to particular topic related to the learning content of Basic Natural Science. The students should discuss the topic, prepare the paper and conduct a class presentation. ✓ Study cases: Students choose a topic related to learning content and write a study cases about it. ✓ Resume: Students summarize the learning content before the face to face meeting, so they have prior knowledge about the topic. 4. Affective Assessment <ul style="list-style-type: none"> ✓ Affective assessment is held in every meeting by observing students' attitude in the classroom. ✓ The assessment is based on the observation sheet by using

