MINISTRY OF HIGHER EDUCATION, SCIENCE, AND TECHNOLOGY
UNIVERSITAS NEGERI SURABAYA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNDERGRADUATE PROGRAM OF MATHEMATICS EDUCATION

Ketintang Campus, Jalan Ketintang, C8 C9 Building, Surabaya 60231
Phone: +62 895335466373, email: s1-pmat@unesa.ac.id
Website: https://pendidikan-matematika.fmipa.unesa.ac.id/

Undergraduate Program of Mathematics Handbook   **Module**

Module Name:	Basic of Education/ Dasar-Dasar Pendidikan
Module Level:	Sarjana (S-1) / Undergraduate
Abbreviation, if applicable:	8420202231
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	1th / First year
Module Coordinator(s):	Beni Setiawan, S.Pd., M.Pd., Ph.D.
Lecturer(s):	Dr. Endah Budi Rahaju, M.Pd. Dr. Ismail, M.Pd. Ika Kurniasari, S.Pd., M.Pd. Dr. Sumarni, S.Pd., M.Pd. Dr. Nia Wahyu Damayanti, M.Pd.
Language:	Indonesia
Classification within the curriculum:	Compulsory course/elective studies
Teaching format/class hours per week during the semester	Teaching format: lectures, tutorial assignment, and individual Study/ 2 x 170 minutes = 340 minutes = 5.7 hours lectures
Workload:	16 weeks per semester consisting of: • 1 hour lectures (1 x 50 minutes) per week, • 1 hours assignments (1 x 60 minutes) per week, • 1 hours individual study (1 x 60 minutes) per week, Total workload : 16 x 2 x 170 minutes = 5,440 minutes = 90,67 hours = 3.1 ECTS*
Credit Point:	2
Requirements:	N/A

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Learning Goals:	**PLO-1**: Able to demonstrate religious, national, and cultural values, as well as academic ethics in carrying out duties.
	PLO-2: Demonstrate a resilient, collaborative, adaptive, innovative, inclusive character, demonstrate a lifelong learning spirit, and demonstrate an entrepreneurial spirit.
	PLO-3: Develop logical, critical, systematic, and creative thinking in performing specific work within their field of expertise and in accordance with the relevant field's work competency standards.
	PLO-4: Develop self-development sustainably and collaboratively.
Content:	Studying the basic concepts of education, including the definition, objectives, functions, learning paradigms, curriculum, media and learning resources, and the characteristics of professional teachers. Students are encouraged to understand the role of education in life and analyze its relevance to biology learning. This course serves as a foundation for developing learning design skills and basic tools such as syllabi and lesson plans, as well as shaping the character of prospective educators who are ethical, critical, and adaptive.
Study/exam achievements	• Students are considered competent and pass if the final score is at least 55 or C. • Final score is calculated as follows:

Week	Course Learning Outcomes (CLO)	Programme Learning Outcomes (PLO)	Evaluation (%)
1	CLO-3	PLO-3	2
2	CLO-4	PLO-3	2
3	CLO-4	PLO-3	15
4	CLO-4	PLO-3	2
5	CLO-3	PLO-3	2
6	CLO-3	PLO-3	15
7	CLO-3	PLO-3	2
8	CLO-2	PLO-2	15
9	CLO-3	PLO-3	2
10	CLO-4	PLO-3	2
11	CLO-5	PLO-4	15
12	CLO-2	PLO-2	2

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13	CLO-1	PLO-1	2
14	CLO-1	PLO-1	2
15	CLO-1	PLO-1	5
16	CLO-5	PLO-4	15

- Final index is defined as follow:

Index	Converted Score	Score Range
A	4.00	$85 \leq A \leq 100$
A-	3.75	$80 \leq A- <85$
B+	3.50	$75 \leq B+ <80$
B	3.00	$70 \leq B <75$
B-	2.75	$65 \leq B- <70$
C+	2.50	$60 \leq C+ <65$
C	2.00	$55 \leq C <60$
D	1.00	$40 \leq D <55$
E	0.00	$0 \leq E <40$

Forms of Media	Slides and LCD projectors, whiteboard
Literature	1. M. V. Roesminingsih dan Lamijan Hadi Susarno. 2019. Teori Dan Praktek Pendidikan. Surabaya: Lembaga Pengkajian danPengembangan Ilmu Pendidikan Fakultas Ilmu Pendidikan Universitas Negeri Surabaya bekerja sama dengan Penerbit CV.Bintang Surabaya. 2. Peraturan Pemerintah (PP) Nomor 4 Tahun 2022. 3. PP Nomor 57 Tahun 2021 tentang Standar Nasional Pendidikan. 4. Peraturan Menteri Pendidikan, Kebudayaan, Riset, dan Teknologi No. 12 Tahun 2024. 5. Peraturan Menteri Pendidikan Dasar dan Menengah No. 13 Tahun 2025. 6. Undang-Undang Nomor 11 Tahun 2022 tentang Keolahragaan. 7. Peraturan Menteri Pemuda dan Olahraga No. 11 Tahun 2024. 8. Suyanto. (2024). Dasar-Dasar Pendidikan. Jakarta: Bumi Aksara. 9. Bahri, Samsul. (2024). Dasar-Dasar Pendidikan. Indramayu: CV. Adanu Abimata.
Note	Based on the regulation of the minister of education and culture of Indonesia number 3 of 2020 concerning national higher education standards, it is state 1 CU equals to 170 minutes per

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	week. Therefore, in one semester (16 weeks, including midterm a final exam) 1 CU = 170 X 16 = 2.720 minutes or 45.3 hours. Therefore, workhours in 144 CU x 45.3 hours = 6.523,2 hours. Unesa decided that 1 ECTS with 144 CU, 6.523,2/229 ECTS = 28.48 hours, so that 1 CU = 1.59 ECTS