



UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF SCIENCE EDUCATION

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Bachelor of Education in Science

MODULE HANDBOOK

Module name:	Educational Science
Module level, if applicable:	Undergraduate
Code:	MDK 6201
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	1
Module coordinator:	
Lecturer:	
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.
Workload:	Total workload is 90,67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks.
Credit points:	2
Prerequisites course(s):	
Targeted learning outcomes:	After taking this course the students have ability to: CO1. Show independence and responsible in carrying out individual tasks and group assignments. CO2. Able to use knowledge systematically in solving problems related in the role and relevance of science in society CO3. Can explain the concepts of Educational Science in their field and the the learning theory and practice relevant in field or discipline from a global prespective
Content:	This course discusses the basic principles of education, educational science, and their application in educational

	practice which includes: educational phenomena, historical viewpoints of education, the nature of education and science of education, education as a system, and issues (educational issues in context education innovation)															
Study / exam achievements:	The final mark will be weight as follow: <table><tr><th>No</th><th>CO</th><th>Objek Penilaian</th><th>Teknik Penilaian</th><th>Weight</th></tr><tr><td>1</td><td>CO1, CO2, CO3</td><td>a. Presentation b. Individula assignment c. Group assignment d. Developing scientific paper e. Mid Exam f. Final Exam</td><td>Observation Written test</td><td>15% 10% 10% 20% 25%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table>	No	CO	Objek Penilaian	Teknik Penilaian	Weight	1	CO1, CO2, CO3	a. Presentation b. Individula assignment c. Group assignment d. Developing scientific paper e. Mid Exam f. Final Exam	Observation Written test	15% 10% 10% 20% 25%	Total				100%
No	CO	Objek Penilaian	Teknik Penilaian	Weight												
1	CO1, CO2, CO3	a. Presentation b. Individula assignment c. Group assignment d. Developing scientific paper e. Mid Exam f. Final Exam	Observation Written test	15% 10% 10% 20% 25%												
Total				100%												
Forms of media:	Board, LCD Projector, Laptop/Computer															
Literature:	1. Arif Rohman. 2009. Memahami Pendidikan dan Ilmu Pendidikan. Yogyakarta: Laksbang Mediatama. 2. Dwi Siswoyo dkk. 2007. Ilmu Pendidikan. Yogyakarta: UNY Press. 3. Driyarkara . 1980. Driyarkara tentang Pendidikan. Yogyakarta : Penerbit Kanisius. 4. John I. Goodlad,. Educational Renewal. San francisco : Jossey-Bass Publishers 5. John Dewey. 1950. Democracy and Education. New York : The Macmillan Company. 6. Imam Barnadib & Sutari Imam Barnadib. 1996. Beberapa Aspek Substansial Ilmu Pendidikan. Yogyakarta : Penerbit Andi. 7. ----- .2002. Filsafat Pendidikan. Yogyakarta : Penerbit Adicita Karya Nusa. 8. Noeng Muhadjir. 2000. Ilmu Pendidikan dan Perubahan Sosial. Yogyakarta : Rake Sarasin. 9. Sumitro, dkk. 2006. Pengantar Ilmu Pendidikan. Yogyakarta : UNY Press. 10. Tilaar, H.A.R. 2002. Pendidikan dan Perubahan Sosial : Pengantar Pedagogik Transformatif untuk Indonesia . Jakarta : Penerbit Grasindo. 11. ----- 2005. Manifesto Pendidikan Nasional. Jakarta : Penerbit Buku Kompas.															

	12. Umar Tirtahardja & La Sulo. 1997. Pengantar Pendidikan. Jakarta : Ditjen Dikti, Depdikbud. 13. UU No. 20 Tahun 2003. Tentang Sistem Pendidikan Nasional. 14. Wardiman Djojonegoro .1996. Lima Puluh Tahun Perkembangan Pendidikan Indonesia. Jakarta : Depdikbud
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PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1	✓			✓								
CO2		✓		✓								
CO3		✓	✓	✓								