

### UNIVERSITAS NEGERI YOGYAKARTA

# FACULTY OF MATHEMATICS AND NATURAL SCIENCES DEPARTMENT OF SCIENCE EDUCATION

Jalan Colombo Nomor 1 Yogyakarta 55281 Telepon(0274)565411 Pesawat 217, (0274)565411(TU),fax (0274)548203 Laman :fmipa.uny.ac.id, E-mail :humas\_fmipa@uny.ac.id

#### **Bachelor of Education in Science**

#### **MODULE HANDBOOK**

Module name:	Lab Work of Integrated Science and Instruction					
Module level, if applicable:	Undergraduate					
Code:	PIA6112					
Sub-heading, if applicable:	-					
Classes, if applicable:	-					
Semester:	6 <sup>th</sup>					
Module coordinator:	Purwanti Widhy H, M.Pd					
Lecturer:	Dr. Insih Wilujeng, Purwanti Widhy H, M.Pd, Putri Anjarsari, M.Pd, Didik Setyowarno, M.Pd					
Language:	Bahasa Indonesia					
Classification within the	Compulsory course					
curriculum:	Compaisory Source					
Teaching format / class						
hours per week during the	100 minutes lectures and 120 minutes structured activities per week.					
semester:	WOOK					
Workload:	Total workload is 90.67 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.					
Credit points:	1 sks (1.5 ECTS)					
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. show independent, systematic and measurable performance CO3. make decisions about solving problems related to characteristic of science, nature of science and scientific method CO4 Show responsibility for achieving the results of group					

		work assignr		evaluating	of gro	up		
Content:	This course analyze and developing design instructional of integrated science							
	The final mark will be weight as follow:							
Study / exam achievements:	No	СО	Assessment Object	Assessment Technique				
Study / Starri demovements.	1	CO2, CO3 and CO4	a. performance b. pretest c. report d. post test	Presentation / written test	30% 15% 15% 25%			
Forms of media:	Board, LCD Projector, Laptop/Computer							
Literature:	<ol> <li>Carribbean Examination Council. 2007. Integrated Science. Carribbean Certificate of Secondary Level Competence</li> <li>Curriculum Development Center. 2002, Integrated Curriculum for Secondary School (Curriculum Specification. Science Form 2. Ministry of Education Malaysia</li> <li>Fogarty, R. 1991. How to Integrated The Curricula. United States of America: IRI/Skylight Publishing. Inc.</li> <li>Trefil, J. dan Hazen, R. M, 2007. The Science: An Integrated Approach. United Stated of America: John Wiley &amp; Sons, Inc.</li> </ol>							

## **PLO and CO mapping**

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1		✓										
CO2								✓				
CO3										✓		
CO4												✓