

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

PHYSICS STUDY PROGRAM

Colombo St. Number 1 Yogyakarta 55281 Telephone (0274)565411 Ext. 217, fax (0274) 548203 Web: http://fisika.fmipa.uny.ac.id/, E-mail: fisika@uny.ac.id/

Bachelor of Physics

MODULE HANDBOOK

Module level, if applicable: Code: Sub-heading, if applicable: Classes, if applicable: Semester: Module coordinator: Lecturer(s): Lecturer(s): Classification within the curriculum: Teaching format / class hours per week during the semester: Workload: Workload: Credit points: Undegraduate FSK6232 FSK6232 - Classes, if applicable: - Dr. Sukardiyono, M.Si. Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si Bahasa Indonesia Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 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: 2 SKS (3.25 ECTS)	Module name:	Physics Laboratory Assistance			
Sub-heading, if applicable: Classes, if applicable: Semester: Module coordinator: Lecturer(s): Lecturer(s): Classification within the curriculum: Teaching format / class hours per week during the semester: Workload: Workload: Sih Dr. Sukardiyono, M.Si. Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si Bahasa Indonesia Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Module level, if applicable:	Undegraduate			
Classes, if applicable: Semester: Module coordinator: Dr. Sukardiyono., M.Si. Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si Language: Classification within the curriculum: Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Workload: Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Code:	FSK6232			
Semester: 5th Module coordinator: Dr. Sukardiyono., M.Si. Lecturer(s): Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si 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 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Sub-heading, if applicable:	-			
Module coordinator: Dr. Sukardiyono., M.Si. Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si Bahasa Indonesia Classification within the curriculum: Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Classes, if applicable:	-			
Lecturer(s): Dr. Sukardiyono, M.Si, Drs. Yusman Wiyatmo, M.Si Bahasa Indonesia Classification within the curriculum: Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Semester:	5 th			
Lecturer(s): Yusman Wiyatmo, M.Si Language: Classification within the curriculum: Compulsory Course 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Module coordinator:	Dr. Sukardiyono., M.Si.			
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Teaching format / class hours per week during the semester: 100 minutes lectures and 120 minutes structured activities per week. Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.	Language:	Bahasa Indonesia			
Teaching format / class hours per week during the semester: Mark	Classification within the curriculum:	Compulsory Course			
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Workload: minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.		Total workload is 91 hours per			
Workload: structured activities, and 120 minutes individual study per week for 16 weeks.		semester which consists of 100			
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week for 16 weeks.		structured activities, and 120			
		minutes individual study per			
Credit points: 2 SKS (3.25 ECTS)		week for 16 weeks.			
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Prerequisites course(s): -	Prerequisites course(s):	-			
Course Outcomes After taking this course the	Course Outcomes	After taking this course the			
students have ability to:	Course Outcomes	students have ability to:			

	CO1. Students master practicum equipment according to function and purpose. CO2. Students understand the safety of laboratory equipment. CO3. Students are able to guide students in carrying out practicum. CO4. Students are able to make practical reports well.			
Content:	This course includes: mastery of practicum equipment, work safety, how practicum equipment works, guiding students in carrying out practicum in the laboratory, theory of error, correcting practicum reports and making practicum reports.			
	The final mark will be weight as follow:			
	No CO Assessment Object			
Study / exam achievements:	1 CO1, a. Individual CO2, Assignment CO3 b. Group and Assignment CO4 c. Mid d. Final Exam			
Forms of media:	Board, LCD Projector,			
	Laptop/Computer, online			
Literature:	 Tim Fisika Dasar. 2014. Petunjuk Praktikum Fisika dasar I. Yogyakarta: Jurusan Pendidikan Fisika UNY Halliday dan Resnick. 1991. Fisika Jilid I. Terjemahan: Pantur Silaban dan Erwin Sucipto. Jakarta: Erlangga 			

3.	Bevington, P.R. 1992.
	Data Reduction and Error
	Analysis for the Physical
	Sciences. New York.
	McGraw-Hill. Inc.

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
CO1							V	
CO2							V	
CO3							V	
CO4							V	