



UIN SUNAN KALIJAGA YOGYAKARTA

FACULTY OF SCIENCE AND TECHNOLOGY

Jl. Marsda Adisucipto Yogyakarta 55281, Telp:+62274519739, Fax:+62274540971,

E-mail: fst@uin-suka.ac.id, website: <http://saintek.uin-suka.ac.id/>

Undergraduate Programme in Physics

Telp : +62274 519739
 Email : fisika@uin-suka.ac.id
 Website : <http://fisika.uin-suka.ac.id/>

MODULE HANDBOOK

Module Name	Geology	
Module level, if applicable	Bachelor	
Code, if applicable	FIS424027	
Subtitle, if applicable	-	
Courses, if applicable	Geology (Geology)	
Semester(s) in which the module is taught	4 th (fourth)	
Person responsible for the module	Dr. Thaqibul Fikri Niyartama, S.Si., M.Si	
Lecturer(s)	Dr. Thaqibul Fikri Niyartama, S.Si., M.Si	
Language	Indonesia	
Relation to curriculum	Compulsory course in the second year (4 th semester) Bachelor Degree	
Type of teaching, contact hours	150 minutes lectures and 180 minutes structured activities per week.	
Workload	Total workload is 136 hours per semester, which consists of 150 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, in total is 16 weeks per semester, including mid exam and final exam	
Credit points	3	
Requirements according to the examination regulations		
Recommended prerequisites	No prerequisites stated on	
Module objectives/intended learning outcomes	After completing this course, the students: CO 1. Students are able to recognize the elements of geological structure.; CO 2. Students are able to describe and analyse a geological structure CO 3. Students are able to explain the process of occurrence of a geological structure.	
Content	a. Geological Science b. Crystals, minerals and rocks c. Exogenous and endogenous processes d. Sedimentation and Metamorphism e. Introduction to petrology, morphology, structural geology and stratigraphy f. Weathering and erosion g. Geological time scale h. Introduction to physical geology i. Basics of mapping and geological maps	
Study and examination requirements and forms of examination	The final mark will be weighted as follows:	
	NO	Assessment methods (components, activities) Weight (percentage)

