MODULE DESCRIPTION

General

School	Geotechnical Sciences
Department	Forest and Natural Environment Sciences

Module Information

Title	Geology
Course Code	OPT.3
Level of Studies	Undergraduate Studies
Teaching Period	Winter
Attendance Type	Elective
Prerequisites	Not applied

Orientation	Weekly Hours		Year	Semester	ECTS
Offertation	Lectures	Laboratory work		Scilicatei	[
Management, Protection of Natural Resources & Climate Change	2	1	3	5	3

Faculty Instructor

Dr. Antonios N. Papadopoulos

Type of Module

tion

Specific Foundation / Core

Knowledge Deepening / Consolidation

Mode of Delivery

Face to face

Distance learning

Digital Module availability

E-Study Guide

Departments Website

E-Learning

Language

	Teaching	Examination
Greek	>	>

English			
Erasmus The course is Learning Outcome		o exchange program	nme students
related to the su	bject of geolo		apply the theories, practices and techniques completing the learning process. He is expected lities.
KNOWLEDGE The student will • Formulates an • Describes and	be able to: d discusses th classifies igne	e basic principles an	d theories related to geology. Id metamorphic rocks.
Understands a	ind explains p	etrogenetic process	es and their geological significance.
Work autono Work in team Work in an in Work in an in Respect natu	edge in praction omously ternational conternational conternational content in the	ontext v team	
(igneous, sedime	entary, metam	norphic). Elements o	nstitution. Petrogenetic minerals, rock categories f general geology, geotectonics and technical cks. Elements of rock mechanics. es, geotectonics, physical properties, mechanical
properties, rock	mechanics		
Educational Mat Book	terial Types		

Y	Slide presentations
	Video lectures
	Multimedia
	Interactive exercises
	Other:
Us	e of Information and Communication Technologies
V	Use of ICT in Course Teaching
	8
Y	S
> >	Use of ICT in Laboratory Teaching Use of ICT in Communication with Students

Module Organization

Course Activity		Workload (hours)
Lectures		26
Laboratory work		13
Field Trip/Short Individual Assignments		11
Independent Study		25
	Total	75

Student Assessment Methods

V	Written Exam with Multiple Choice Questions
V	Written Exam with Short Answer Questions
V	Written Exam with Extended Answer Questions
16	Written Assignment
	Report
16	Oral Exams
18	Laboratory Assignment

Suggested Bibliography (Eudoxus and additional bibliography)

- 1. Environmental Engineering Geology.
- **2.** Technical Geology, (Eudoxus Book Code: 86198385), 2nd edition, Type: Syngram, Georgios Koukis, Nikolaos S. Sambatakakis, 2019, Papasotiriou, ISBN: 978-960-491-130-1