

University of Puerto Rico  
Mayagüez Campus  
College of Art and Sciences  
Department of Geology

**Geol 3047L Syllabus  
2<sup>nd</sup> Semester 2019 - 2020**

**Codification:** Geol 3047L

**Course Title:** Introductory Geology Laboratory

**Section:** Monday 040

**Laboratory time schedule:** 1:30 PM -4:20 PM

**I. General Information**

Instructor: Giovanni Gabriel Nin Hernandez

Office: F-417C

Office hours: Monday 10:30-12:00pm (or by appointment)

Dept. Phone: (787) 265-3845

E-mail: giovanni.nin@upr.edu

**II. Course Description**

Introduction to the use and interpretation of topographic and geologic maps, and aerial photographs. Training in identification of common minerals, rocks and fossils. Development of skills for the interpretation of geologic structures.

Text: Physical Geology *Laboratory Text and Manual* Sixth Edition

Author: R.D. Dallmeyer Publisher: Kendal/Hunt

**III. Objectives**

Introduce the student to the practical application of geologic ideas. By the end of the course the student should know how to recognize common minerals and rocks in hand specimen, understand geologic time, the basic principles of stratigraphy, structural geology, geomorphology, and understand topographic and geologic maps.

**IV. Requirements**

**Arriving on time** at the laboratory is mandatory (1:30 pm). Attendance to the lab is **compulsory**. Students who miss more than three laboratories without a valid written excuse will be assigned a grade of **F** for the lab. Since both tests require the setup of minerals, rocks and maps, **no make-up tests will be given under any circumstances**. The use of **cellular phones in the lab is not allowed**. Please turn them off as soon as you enter the laboratory.

**IV. Evaluation**

Grades will be based on:

Mid Term examination	25%
Final Examination (Partial)	25%
14 Laboratories (Assistance, work and quizzes in the lab)	30%
Island Project	<u>20%</u>
	100%

## V. Schedule

Date	Laboratory	Exercise
January 24	2 <sup>nd</sup> Semester Begins	-----
January 27	Introduction/Syllabus- Minerals	1, 2
February 3	Rocks/ Igneous Rocks	3, 4
February 10	Weathering/ Sedimentary Rocks	5,6
February 17	Feriado- Día de los Presidentes y Próceres Puertorriqueños	-----
February 24	Metamorphic Rocks	7
March 2	Feriado- Día de la Ciudadanía Americana	-----
March 7	Tentative- Field Trip	Field Guide
March 9	Fossils and Fossilization	22
March 16	First Midterm- Review	Review
March 18	MIDTERM TEST (At night) 7:00-9:00pm	1-7, 22 and Fossils
March 23	Feriado- Día de la Abolición de la Esclavitud	-----
March 26	Topographic Maps ( <i>Island Project Assigned</i> )	8
March 30	Rivers	9, 10
April 6-11	Receso Académico- Semana Santa	-----
April 13	Landscape evolution and Groundwater	11, 12, 13
April 20	Environmental/ Shorelines and Aeolian Processes	24, 16, 14
April 27	Structural Geology/ Geologic Time ( <i>Island Project Due</i> )	18, 19, 22
May 4	Geologic Hazards 1, 2, 3	23
May 11	Volcanic Landforms and Ocean Floor	17, 20
May 18	Final (Partial) Test	8-14, 16-20, 22-23

\*\*\*\*\*CALENDAR SUBJECT TO CHANGE\*\*\*\*\*

## VI. Sexual Harassment Clause

### Sexual Harassment: Certification 130-2014-2015 states:

Sexual harassment in the workplace and in the study environment is an illegal and discriminatory act and is against the best interests of the University of Puerto Rico. All persons who understand they have been subject to acts of sexual harassment at the University of Puerto Rico may file a complaint and request that the institution investigate, where necessary, and assume the corresponding action by the university authorities. If the complainant is a student, he or she must refer his or her complaint to the Office of the Student Ombudsperson or that of the Dean of Students.

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I, \_\_\_\_\_, student number, \_\_\_\_\_, registered in  
GEOL 3047L: Introductory Geology Laboratory, section \_\_\_\_\_ agree to the following:

1. I received a copy of the syllabus and understand the requirements of the course.
2. **Arriving on time** at the beginning of the laboratory is required.
3. Attendance to the lab is **compulsory**.
4. Students who are absent to more than three laboratories without a valid written excuse will be assigned a grade of **F** for the lab.
5. No Make up Exams are possible because the test requires setup of minerals and rocks!
6. The use of **cellular phones is not allowed during the lab period**. Please turn them off as soon as you enter the lab.
7. Midterm will be on night! March 18, 2020 (7:00pm-9:00pm)

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Signature

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Date