

GEOL 1001: General Geology: Physical

UNO-Innsbruck Summer School 2004

12:55 pm - 2:15 pm

This syllabus is subject to change as posted on a master copy in the classroom

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Text: Monroe, J.S., and Wicander, R., 2005, *Physical Geology: Exploring the Earth* (5th edn.): Brooks/Cole Publishing Co., 712 p. ISBN 0-534-39987-8.

Web page: Many of the illustrations used in lecture can be found at <http://www.gly.uga.edu/railsback/GeologicalDiagrams1.html>, and many of the slides shown can be found at <http://www.gly.uga.edu/railsback/FieldImages.html>.

Prerequisites: None

UNO Judicial Code: Students must conduct themselves in an appropriate manner and abide by all policies outlined in the UNO Judicial Code (http://www.uno.edu/~stlf/Policy%20Manual/judicial_code_pt1.htm and http://www.uno.edu/~stlf/Policy%20Manual/judicial_code_pt2.htm). Cheating, plagiarism, and academic misconduct will not be tolerated.

Learning Disabilities: Students with documented learning and/or testing disabilities will be accommodated, but such students must inform the instructor by the end of the third class meeting.

Attendance: The University of New Orleans requires that students attend classes in the International Summer School. Students with more than two unexcused absences will have three percent deducted from their final course grade for each unexcused absence in excess of two.

UNO regulations state that a student who arrives after roll is taken is to be considered absent. This policy will not be enforced on the first offense but will be enforced after repeated offenses. Students who come to class late are responsible for making sure their attendance is noted in the record.

Purpose/Objectives: This course will cover the basic aspects of physical geology necessary to understand the materials and processes at and shaping the earth's surface. Topics will be selected to especially address the geologic environment of western Austria.

Field Trip policy: A field trip to Obergurgl will take place on Friday, July 30. Additional optional field trips will be held on some Monday, Tuesday, and Wednesdays. These trips will be held in conjunction with GEOL 2096 (Alpine and Glacial Geology).

The optional field trips will require walking as much as three miles, but with occasional if not frequent stops. Several of the field trips will also require transportation by bus, which will be financed by UNO. Sturdy shoes are a good idea on many of these field trips, and they are required on the Obergurgl trip. Rain gear is also a good idea, especially on the Obergurgl trip, and a walking stick can be useful too. A hand lens would be useful; a rock hammer would not.

Examinations: UNO requires that midterm and final exams be kept by the Administration in order to adjudicate possible appeals of grades. You will be given back your midterm exam, but you must hand it in at the beginning of the final exam in order to take the final exam. You will be allowed to see your graded final exam, but it will be kept by UNO.

Examinations will consist of roughly 20 multiple choice, matching, and short answer questions. Identification of features in slides or other illustrations may be required. The rock and mineral quiz will require identification of minerals and rocks.

The examinations should not be difficult for students who have attended class, who have reviewed their notes each afternoon or evening, and who have read the textbook. They will be difficult for those who have not done the above.

Etiquette: The students enrolled in the class are paying good money to hear the lectures given in the class. In order that they may do so, persons should limit their conversations unrelated to the lecture to a bare minimum during lecture. Persons who arrive late or who will be leaving early should take a seat in the back and relatively near the door, so that their arrival or departure causes a minimal disturbance to the business of the class.

Questions: Students are encouraged to ask questions, and to remember that **there are no stupid questions**. The only mistake a student can make is to not ask a question.

Calculation of Course Grades: R & M Quiz: 20% Midterm Exam: 30% Final Exam 50% Divisions between letter grades at 90, 80, 70, and 60% or lower are used. The dividing points are often lowered to allow a reasonable distribution of letter grades. There is always at least one "A", and there are usually several.

Tentative GEOL 1001 Schedule and Topics: (Events of July 21 & 22 may be switched.)

Day	Date	Lxr No.	Topic	Reading in M&W 5th edn
M	5-Jul	1	Organization/Basic Concepts	4-7; 208-215
T	6-Jul	2	Minerals	Chapter 2
W	7-Jul	3	Silicate Minerals	Chapter 2
T	8-Jul	4	Igneous Rocks	Chapters 3 & 4
F	9-Jul	5	Weathering & Erosion	Chapter 5
M	12-Jul	6	Sedimentary Rocks	Chapter 6
T	13-Jul	7	Metamorphic Rocks	Chapter 7
W	14-Jul	8	Geologic Structures	364-380
T	15-Jul	9	Rock & Mineral Quiz	- - - - -
M	19-Jul	10	Plate Tectonics	Chapter 12
T	20-Jul	11	Geology of the Alps	None
W	21-Jul	12	Mid Term Exam	None
T	22-Jul	13	Alpine Glaciation	None
M	26-Jul	14	Alpine Glaciation	Chapter 17
T	27-Jul	15	Quaternary Glaciation	Chapter 17
W	28-Jul	16	Mass Wasting	Chapter 14
T	29-Jul	17	Streams & Rivers	Chapter 15
F	30-Jul		Obergurgl Trip	
M	2-Aug	18	Landscapes	Chapter 15
T	3-Aug	19	Landscapes II	Chapter 15
W	4-Aug	20	Hydrogeology	Chapter 16
T	5-Aug	21	Caves and Karst	476-483
M	9-Aug	22	Petroleum	None
T	10-Aug	23	Earthquakes & Seismology	Chapter 9
W	11-Aug	24	Geology of Eastern North America	
T	12-Aug		Final Exam 10:00am-12:00 pm	

Reading assignments do not include Perspectives or Guest Essays unless specifically listed. This syllabus is subject to change as posted on a master copy in the classroom

