

Geology Summer 2013 Field Studies

This attachment is for students who might be interested in taking **Earth 137 - Introductory Field Geology** and **Earth 138 - Geology Field Camp** during summer school 2013.

What is it?

Earth 137 - Introductory Field Geology is a 3.2 unit course offered in the summer. The dates are June 17 through July 9, 2013, with the first two weeks in S.B. and the last few days in the White-Inyo Mountains, near Bishop. This course introduces the student to the tools and techniques for geologic mapping in the field. No previous field mapping experience is required. Techniques covered include: Introductory Field Mapping with Compass and Tape, Stratigraphic Mapping Sections, Interpretation of Topographic Maps, Geologic Maps, Geologic Cross Sections. The course is offered both in the lab and in the field. Homework assignments are required.

Earth 138 - Geologic Field Camp is a 4.3 unit course offered from July 10 to July 26, with the first two weeks in the field and the last two days in S.B. writing up your final projects. This course requires a previous mapping course (Earth 137 is acceptable) or consent of the instructor. Geologic Mapping is done at a field camp near Mt. Abel at an elevation of 6200 feet and in the Cuyama Badlands and the Ridge Basin near Gorman. It is an intense field mapping course using various geologic surveying tools and techniques learned in Earth 137.

Who can take it? Any student who has had a beginning geology course such as Earth 111-Dynamnic Earth with lab and/or Earth 112 - History of the Earth with lab can take Earth 137. The better-prepared students are those who have had the labs. Earth 125 - Mineralogy and Earth 126 - Petrology are helpful courses but not required. For Earth 138, you must have completed Earth 137 or have the consent of the instructor.

What is the format?

Course	CRN	Days and Times	Meets
Earth 137 – Introductory Field Geology Lab Module: June 17-June 28, 2013	19726	M W F 8:30 a.m. to 11:30 am. Th 8 – 5 pm	EBS 115
Earth 137 – Introductory Field Geology Field Module: June 29-July 3, 2013		Field project at Little Poleta, White-Inyo Mountains, California	Field!
1. Assignments for each week will be due by noon each Friday, or earlier as announced. 2. Homework assignments might require you to stay longer in EBS 115 to use the geologic field equipment.			
Earth 138 - Geology Field Camp July 10 - 29, 2013	19727	Daily routine: Reveille at 6:00 a.m., Breakfast at 6:30 a.m., Full day of field mapping, Dinner at 7:00 p.m., Evening work until 10:00 p.m.	Camp Condor
1. Everyone assists in food preparation and camp cleanup. 2. July 17 th is a Free Day for all to clean up and relax (do laundry). 3. Living quarters are tents and evening work is in a cabin with electricity, refrigerator, stove, etc.			

What is the cost?

Earth 137 – The costs for food and transportation is \$150; and scholarship help is available. Additional costs for the Field Geology text (optional), colored pencils, pens, field workbooks, calculator, and field boots.

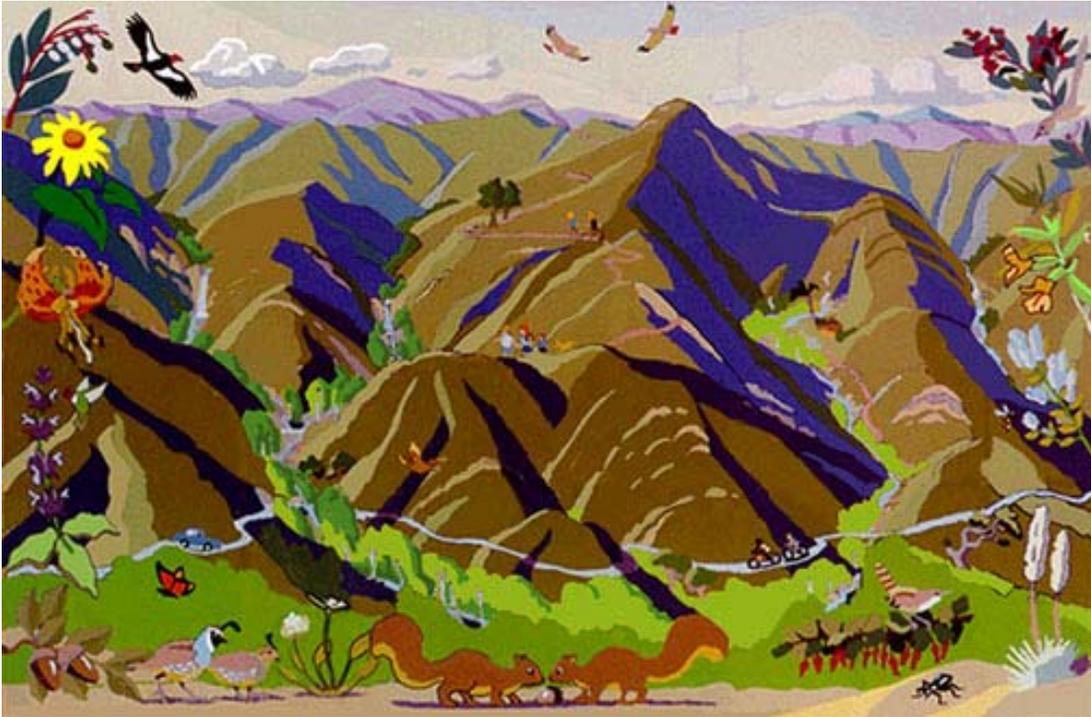
Earth 138 - The cost for food and transportation is \$300; and scholarship help is available.

Who should take it? The Summer Field Geology Mapping courses are only offered every other year so the next course will be the summer of 2015. Any geology major who wants to get a head start to the Advanced Field Courses in major colleges and universities should take this course. In fact some universities allow this course to transfer to the sophomore/junior level Beginning Field Geology mapping course. Both of these courses are transferable as electives for the geology program.

MORE ON BACK SIDE →

Who shouldn't take it? These courses move fast and a lot of work is required in both classes. It is going to be HOT with numerous bugs and flies, a lot of hiking and climbing, and you need to be focused! To take these courses you need to be physically fit, mentally alert, able to work in teams, and emotionally stable!

Footnote. Earth 133 - Geology of Colorado Plateau is offered each summer while Earth 137 and Earth 138 are only offered every other summer. Don't miss Earth 133 if you want to do both the Colorado Plateau and Summer Field; however, keep in mind that Summer Field Geology will really help you if you are going on in geology.



Artist: John Iwerks