



Santa Barbara City College
Department of Earth and Planetary Sciences

Earth 134 Geologic Field Studies of the Western Sierra Nevada

Sunday, August 3 - Sunday, August 10, 2014
(After the SBCC Summer Session)

Western Sierra Nevada Information Sheet

Earth 134 - Geologic Field Studies of the Western Sierra Nevada is an eight-day/seven-night field course to learn about the geology and geologic history of the Western Sierra Nevada, California. On this field course, you will study the spectacular scenery of Sequoia, Kings Canyon and Yosemite

National Parks, plus a few selected sites from the Eastern Sierra Nevada. The goal of your visit to these geologic sites is to understand the processes that have shaped them including earthquakes, volcanoes, glaciers and rivers.

The course involves camping out seven nights, some light hiking, taking notes at daily lecture stops, taking quizzes, and helping with the preparation of meals and with other camp duties.

Instructional and Support Staff

Jeff Meyer and **Bill Dinklage**, SBCC Earth Science professors, provide instruction for students on the course. **Kevin McNichol**, Lab Supervisor, organizes and supervises the logistics of the course and camp setup. An **Earth Sciences Tutor** may be available to help you study.

Students assist the food crew in preparing meals and clean up. All meals are provided *except* for lunch on the first day.

Cost... \$200

- Plus \$46 unit fee. (2.5 units x \$46 for California residents.)
- Out-of-state and international students pay additional fees.

Requirements

This course is introductory in nature--no pre-requisites or concurrent enrollment are required. Students interested in the earth sciences are encouraged to participate.

Includes: Transportation, meals, and field guidebook.

Not included: Camping equipment (warm sleeping bag, sleeping pad and small tent--borrow or rent if you do not own these items), lunch on the first day, personal items and expenses, \$30 for shower stops, SBCC registration fees. No textbook is required for the field course. You may wish to bring some spending money for books, maps, junk food, batteries, etc.

Course Credit and Grading

You will receive 2.5 units of credit for taking Earth 134. Grades are based on the following:

Field trip notebook	50% of grade
7-8 quizzes	50% of grade

Quizzes are given each morning in camp. The first quiz will include knowing the Geologic Time Scale. Please memorize the time scale prior to the trip.

How to Sign Up

**Payment deadline is
Wednesday, July 9, 2014 unless
the course has filled by this date.**

Logistics and Work Crews

SBCC vehicles are used for transportation on the field course. No private vehicles are allowed on the course.

Space is limited on the field course. Enrollment is on a first-come, first-served basis and may fill quickly.

1. **Enroll in the course (CRN 19572.)** Continuing students may register online or in the Admissions Office during summer school registration. You must

pay the unit and health fees the same day you register. Students new to SBCC need to apply to the college as well as enroll in the class. You may apply online at www.sbcc.edu/applynow

2. **Pay \$200** at the Cashiers Office in the Student Services building. You may pay cash, check (payable to SBCC), or by credit card. If you are paying by credit card, you must do so in person. Pay as early as possible; **your \$200 payment is your ONLY guarantee of holding your space on the trip. Registration alone does not save your spot!** If you withdraw, your space is not transferable. See "Refunds" below.
3. Print out an [Equipment List](http://www.fieldstudy.com/geo/ws) from www.fieldstudy.com/geo/ws

Please Note

Refunds. If you have to withdraw, you must notify Jeff Meyer or Bill Dinklage no later than 4:00 p.m., Wednesday, July 23. Refund checks are issued within a month after the conclusion of the course. Your space on the course is not transferable. There will be no refunds for students who miss the course.

Academic course. This geology field course is an academic course, not a vacation, or camp-out, or party. You should be prepared to work and study during both the day and in the evening.

Weather. You will be outside at the mercy of extremes in weather. The temperature may be in the 80s or 90s

during the day and it may drop into the low 20s at night. The evenings in the Sierra Nevada are not like the mild, balmy evenings in Santa Barbara. During most of the trip, we will be at 3500+ feet elevations. Thunder-showers are always a possibility as well. **BE PREPARED!** Our nightly campsites will generally be in forested areas. Bears are a possibility, so please follow the directions of the staff in regard to food and snack storage.

Accommodations. We generally camp in established camp areas with running water and bathrooms.

No booze or drugs. No alcohol or illegal drugs are allowed at any time from our departure to our arrival back on the SBCC campus.

☎ Questions 🖨

SBCC: (805) 965-0581

Earth Sciences Professors

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MANDATORY Pre-Field Course Orientation Meeting and Schedule

Date	Event and Location	Time	What We Will be Doing
August 1, Friday	<u>Pre-Course Orientation Meeting</u> in EBS 123, Earth and Biological Sciences Building	<u>8:00 a.m.</u> - 9:30 a.m. <u>9:30 a.m.</u> - 2:00 p.m.	Review logistics of course Overview of rocks and plate tectonics. Students who have satisfactorily completed an SBCC geology class are excused.
August 2, Saturday	Pack for the course		
August 3, Sunday	<u>Departure</u> from EBS 123	<u>5:45 a.m.</u>	Bring your well-labeled luggage
August 10, Sunday	Return to SBCC	Early evening	



For more information and pictures of previous field courses, visit www.fieldstudy.com/geo