

Summer 2009
Field Geology
(Geology 215)

- What** *Field Geology* introduces students to living and working in the field, and includes techniques of collecting, recording, and presenting geologic data; the use of the Brunton compass, GPS, GIS, surveying and mapping techniques, remote sensing, and computer drafting; and the interpretation of data as plotted on maps, sections, and aerial photographs. Field observations and measurements are synthesized with maps and cross-sections in written reports.
- Where** Camping in South Dakota and Wyoming (about 3 ½ weeks), including Badlands, Black Hills, Devils Tower, Bighorn Mountains, Thermopolis, Tetons, Gros Ventre Range, and Seminoe Mountains. Beloit College campus in southern Wisconsin (about 1 ½ weeks)
- When** 1 June (Monday) to 3 July (Friday)
- Why** This course gives you an opportunity to apply what you've learned in the classroom, and to see first-hand how Earth is constructed. Many graduate programs require a field course for admission. Furthermore, many jobs in the environmental or consulting industry require previous training in the field. Completion of a field course will be a considerable asset to your vita.
- Instructors** Professor Carl Mendelson
Professor James Rougvie
Mr. Steve Ballou
- Prereq's** A course in physical geology, environmental geology, or historical geology.
This course is physically demanding and requires good physical conditioning.
- Cost** \$2,652.50
- The course fee includes 1.25 units of credit (ca. 5 semester hours), materials, transportation, and housing (not food) in the field; this year you will also be provided with a textbook and a field book. The course fee does not include food and housing while in Beloit (ca. 12 days). Housing will be available on campus at a reasonable price. Food expenses are usually kept low by joining a food group, which we will set up at the beginning of the course.
- In order to help defray the expenses of *Field Geology*, geology majors and minors may apply for a Wing or Lockwood scholarship in geology. Guidelines for application will be available soon.
- Questions** Carl Mendelson (mendelsn@beloit.edu; 608-363-2223)
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