

IOWA STATE UNIVERSITY GEOLOGY FIELD STATION
2017 INFORMATION SHEET
GEOL 302 GEOLOGY SUMMER FIELD COURSE

COURSE NUMBER, CREDIT AND PREREQUISITES:	Geology 302 Geology Summer Field Studies; credit – 6 semester credits; <u>Prerequisites</u> Introductory Physical Geology Introductory Historical Geology Earth Materials (mineralogy and petrology) Structural Geology Sedimentology/Stratigraphy						
WEBSITE	http://camp.ge-at.iastate.edu						
LOCATION	Iowa State University Field Station is located on the western flank of the Big Horn Mountains, near Shell, Wyoming. 1800 U.S. 14 East, Shell, Wyoming 82441.						
FACILITIES:	The field station underwent an extensive renovation in 2014. The Smith Lodge includes a kitchen, dining room, and staff quarters. Students are housed in the West and East Dorms with a total of 12 rooms. Each room includes two sets of bunk beds, storage space for personal items, and a full bathroom. A fourth building holds a classroom and laundry facility.						
COSTS:	Costs are paid directly to Iowa State University <table><tr><td>Registration and Tuition Fees¹</td><td>1812.00</td></tr><tr><td>Field Camp Fee</td><td>2250.00</td></tr><tr><td>TOTAL</td><td>\$4062.00</td></tr></table> ¹ Estimated tuition fees for both resident and non-resident students that are subject to change. Current ISU students will be charged additional university fees including computer fee and health facility fee.	Registration and Tuition Fees ¹	1812.00	Field Camp Fee	2250.00	TOTAL	\$4062.00
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TOTAL	\$4062.00						
APPLICATION PROCEDURES:	Approximately 35-45 students will be accepted for Summer 2017. Applications (separate form) must be received before February 24, 2017 . Accepted students will be required to submit a non-refundable \$100 deposit .						
GENERAL SCHEDULE:	Leave Ames at 6:30 a.m. Saturday, May 20, 2017. Geology field stops on way to field station on May 20 & 21. Arrive at the field station mid to late afternoon Sunday, May 21. The first meal at the field station will be served at 6 p.m. on May 22. The summer field session will close Friday, June 30, 2017, upon the return of students to the Iowa State campus in Ames.						
IMMUNIZATION AND PHYSICAL CONDITION:	You should be immunized against tetanus before you leave for the field station, and <u>you should be in good physical condition, prepared for strenuous hiking in hot or cold weather</u> . All students are required by Iowa State <u>University to carry personal health and accident insurance</u> .						

PERSONAL EQUIPMENT AND SUPPLIES:

Weather conditions in northern Wyoming from late May to early July can vary from daytime temperatures from 35-105°F and nighttime temperatures ranging from 25-70°F. Rainfall can be expected during the first half of field camp whereas weather during the latter half is typically hot and dry. The following is the minimum equipment suggested for each student:

Necessities:

- Clothing for 2 days on the road (May 20-21, 2017)
- Field clothing for 6 days
- Hiking boots, already broken in
- Gloves, wool hat
- Warm clothing (winter jacket)
- Rain gear, minimally a rain poncho
- Swimsuit for Shell Creek
- Clothing for 8-day, 7-night camping trip (June 19-26, 2017)
- Toiletries (e.g., shampoo, soap, skin cream, etc.)
- Flashlight
- Alarm clock
- Sheets, blanket, and pillow (field station)
- Sleeping bag and pad (8-day camping trip)
- Towel(s), washcloth(s)
- Quarters for laundry (1 roll minimum)
- Laptop/tablet with wifi capabilities and GoogleEarth preinstalled

Field gear & mapping supplies:

Note: GPS units and field notebooks are supplied by the field station. See supply order form for specifics on recommended mapping supplies.

- Brunton geology compass or surveying compass
(~\$30 [surveying compasses online](#))
- Pens for inking maps (0.3 mm black, blue, and green)
- Standard pens for “everyday” writing
- Mechanical pencils (0.5 mm lead) with erasers
- Protractor – plastic, 6 inches*
- 3 ring binder and paper*
- Clipboard*
- Engineers scale*
- Rock hammer*
- 10x Hand lens*
- Camera and scale for photos
- Water bottles/water pak (2 liters minimum; 3 liters recommended)
- Sunscreen
- Hat: wool and non-wool w/brim
- UV protection sunglasses
- Insect repellent
- Day pack to carry all this in

*The equipment and supplies listed above are available for purchase at the Iowa State University Bookstore. If you would like to purchase any of the items, please use the supply order form on our website to place your order. Please submit your order form with a check for the total cost of the items to Aaron Wood before May 1, 2017. The items will be purchased and brought to the Field Station for you. Iowa State students should purchase the above directly from the bookstore.

MAILING ADDRESS AND PHONE:	I.S.U. Geology Field Station, 1800 U.S. Highway 14 E, Shell, WY 82441 (307) 765-2997
RECOMMENDED READING:	It is not necessary for students to attempt any reading program before arriving at the field station. "Rising above the Plains" by John McPhee is highly recommended, however for those interested, brief background information also may be found in various guidebooks and publications of the Wyoming Geological Association and the Wyoming Geological Survey.
TRAVEL INFORMATION:	<p>Transportation from Ames, Iowa, to the field station will be provided for all students by Iowa State University. We strongly encourage all students to travel to the field station with the main convoy of university vehicles. Students will meet at the loading dock of Science Hall at 6:00 a.m. Saturday, May 20, 2017. The loading dock can be accessed via Pammel Drive.</p> <p>The caravan will depart promptly at 6:30 a.m. There are several areas of geologic interest that may be visited enroute to the field station as time permits.</p>
PERSONAL VEHICLES:	Students are allowed to drive their personal vehicles to the field station only under special circumstances and after receiving permission from Aaron Wood, Field Station Director. Students will be asked to sign a liability waiver and a separate code of conduct form that pertains to usage of personal vehicles during field camp.
STUDENTS WITH DISABILITIES:	<p>Iowa State University is committed to assuring that all educational activities are free from discrimination and harassment based on disability status. All students requesting accommodations are required to meet with staff in Student Disability Resources (SDR) to establish eligibility. A Student Academic Accommodation Request (SAAR) form will be provided to eligible students.</p> <p>The provision of reasonable accommodations in this course will be arranged after timely delivery of the SAAR form to the instructor. Students are encouraged to deliver completed SAAR forms prior to departure for the field station.</p> <p>SDR, a unit in the Dean of Students Office, is located in room 1076, Student Services Building or online at www.dso.iastate.edu/dr/. Contact SDR by e-mail at disabilityresources@iastate.edu or by phone at 515-294-7220 for additional information.</p>