**2019 Field Camp Schedule**

**T 28 May**  
Students Arrive, 4pm Camp meeting

**W 29 May**  
Early start, Drive (590 mi), Southeast Michigan, Pickup at DTW(4pm).  
Ohio Valley mixed hardwood forest.

**R 30 May**  
Drive (360 mi), Lunch Macinaw lighthouse/bridge, Camp Upper Peninsula Michigan  
UP shorelines, upper midwest mixed hardwood and conifer forest.

**F 31 May**  
Drive (230 mi), Camp Trout Lake WI [3 nights]  
Beach and nearshore processes, Pictured Rocks NP  
**Wisconsin Project 1 intro**

**S 1 Jun**  
**Wisconsin project 2**, Peat bog coring

**Su 2 Jun**  
**Wisconsin project 3**, analysis and reporting, due PM.

**M 3 Jun**  
Drive (460 mi) Luverne MN - Camp Blue Mounds state park  
Tall grass prairie, mollisol, ventefacts

**T 4 Jun**  
Drive (350 mi), Camp Badlands NP [2 nights]  
**Badlands project 1**, modern short grass prairie, Holocene sod tables, and Eocene paleosols.

**W 5 Jun**  
**Badlands project 2**, Cenozoic sedimentology and stratigraphy, Fossils in the Sharps Fm, Pig dig area for Brule and Chadron Fms. Yellow Mounds geologic map.

**R 6 Jun**  
Drive (280 mi) to Devils Tower via Rapid City / Scenic, S.D.  
Mt. Rushmore, Lead Gold Mine, Devil’s Tower NM – shallow volcanic intrusives; Ponderosa Pine forest ecosystem.

**F 7 Jun**  
Drive (180 mi) Camp Willow Park NF. Lunch at Willow Park; Mesozoic stratigraphic section at Tensleep. Alpine Doug-Fir and Sub-Alpine Fir forest.

**S 8 June**  
Drive (250 mi) Camp Ranger Creek [7 nights]  
Thermopolis, Wind River Paleozoic section, hot springs.

**Su 9 June**  
**Sheep Mtn Project 1**

**M 10 June**  
**Sheep Mtn Project 2**

**T 11 June**  
**Sheep Mtn Project 3**

**W 12 June**  
AM Office, Sheep Mtn Due, PM Sequence stratigraphy intro - mechanics of section measuring.

**R 13 June**  
**Sequence stratigraphy 2**

**F 14 June**  
AM Office, Seq Strat project Due,

**S 15 June**  
Drive from Ranger Creek to Yellowstone, Old Faithful, Volcanic rocks at Tuff Cliffs and Firehole Canyon drive. Camp at Rock Creek outside of West Yellowstone. [2 nights]

**Su 16 June**  
Yellowstone free day

**M 17 June**  
Drive (280 mi) to Mackay, ID
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>T 18 June</td>
<td><strong>Surface processes project Day 1</strong> – terraces and paleohydrology</td>
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<tr>
<td>W 19 June</td>
<td><strong>Surface Processes Project Day 2</strong> – glacial deposits; Wildhorse and Anderson Canyon.</td>
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<td>R 20 June</td>
<td><strong>Surface Processes Project Day 3</strong> – alluvial fans and fault scarp; evening in Mackay</td>
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<td>F 21 June</td>
<td>Surface Project Day 4, due midday. Evening: Intro to core complex project.</td>
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<tr>
<td>S 22 June</td>
<td><strong>Core Complex project day 1</strong>. Rock and mineral identification, identification of deformation fabrics; set-up of 3-D block diagram.</td>
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<td>Su 23 June</td>
<td><strong>Core Complex day 2 Boulder FW hike</strong></td>
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<td>M 24 June</td>
<td><strong>Core Complex day 3 Summit HW hike</strong></td>
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<td>T 25 June</td>
<td><strong>AM Core Complex office</strong> morning; PM Students to Challis Hot spring</td>
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<td>W 26 June</td>
<td>Drive to Mackay. Craters of the Moon. Final party in Mackay.</td>
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<td>R 27 June</td>
<td>Break Camp, drive home, stay at Ogallala</td>
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<tr>
<td>F 28 June</td>
<td>Drive Home, stay in South Bend area.</td>
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<tr>
<td>S 29 June</td>
<td>Drive home, arrive Lehigh at 7:00 PM. Sleep on campus. If early arrival, OK to call for pickups.</td>
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<tr>
<td>Su 30 Jun</td>
<td>Students depart</td>
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