

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, ventifacts
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

T 18 June **Surface processes project Day 1** – terraces and paleohydrology

W 19 June **Surface Processes Project Day 2** – glacial deposits; Wildhorse and Anderson Canyon.

R 20 June **Surface Processes Project Day 3** – alluvial fans and fault scarp; evening in Mackay

F 21 June Surface Project Day 4, due midday. Evening: Intro to core complex project.

S 22 June **Core Complex project day 1.** Rock and mineral identification, identification of deformation fabrics; set-up of 3-D block diagram.

Su 23 June **Core Complex day 2 Boulder FW hike**

M 24 June **Core Complex day 3 Summit HW hike**

T 25 June **AM Core Complex office** morning; PM Students to Challis Hot spring

W 26 June Drive to Mackay. Craters of the Moon. Final party in Mackay.

R 27 June Break Camp, drive home, stay at Ogallala

F 28 June Drive Home, stay in South Bend area.

S 29 June Drive home, arrive Lehigh at 7:00 PM. Sleep on campus. If early arrival, OK to call for pickups.

Su 30 Jun Students depart