

**Judson Mead Geologic Field Station
Indiana University
G429 – Summer 2017 Schedule**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
June 18 G429 students arrive in Bloomington; Evening Meeting 6:00 PM	June 19 Caravan leaves Bloomington 7:00 AM; Missouri Valley, MS <i>DeSoto Inn</i>	June 20 Badlands N.P. Arrive Rapid City, SD; G429 Introductory Evening Lecture Rapid City, SD <i>Ramada</i>	June 21 Geology of the Black Hills Spearfish, SD <i>Rodeway Inn & Suites</i>	June 22 Geology of the Big Horn and Owl Creek Ranges; Powder River and Big Horn Basins Riverton, WY; <i>Sundowner Station</i>	June 23 Wind River Range, Teton Range Cenozoic Geology Yellowstone N.P. Yellowstone N.P. Teton/Yellowstone	June 24 Yellowstone N. P. Cenozoic Geology Tobacco Root Mtns. <i>IUGFS</i>
June 25 OFF	June 26 Lower Paleozoic Stratigraphy of the Tobacco Root Mountains	June 27 Lower Paleozoic Stratigraphy Cont. Intro. to Mapping on Air Photos and Topographic Maps	June 28 Reconnaissance Structural Analysis of the Mt. Doherty Area	June 29 Reconnaissance Structural Analysis of the Mt. Doherty Area Cont.; Practice Independent Field Exercise	June 30 Completion of Mt. Doherty Instructional Project	July 1 Independent Field Exercise #1
July 2 OFF	July 3 Mesozoic Stratigraphy of the Tobacco Root Mountains	July 4 Cenozoic Extensional Basins, Tertiary Stratigraphy, Recent Seismicity	July 5 Detailed Structural Analysis of the Highway 2 Area	July 6 Detailed Structural Analysis of the Highway 2 Area Cont.	July 7 Completion of Highway 2 Area Project	July 8 Independent Field Exercise #2
July 9 OFF	July 10 Stratigraphic Correlations	July 11 Stratigraphic Correlations	July 12 Concentration Areas: c, e, g, s	July 13 Concentration Areas: c, e, g, s	July 14 Concentration Areas: c, e, g, s	July 15 Concentration Areas: c, e, g, s
July 16 OFF	July 17 Intro. to Volcanic Geol. & Geol. of the N. Doherty Igneous Complex Concentration Areas: e	July 18 Completion of North Doherty Igneous Complex Concentration Areas: e	July 19 Northwest Montana Field Trip Day 1; Sun River Canyon Choteau, MT <i>Stage Stop Inn</i>	July 20 Northwest Montana Field Trip Day 2; Glacier N.P. Kalispell, MT <i>Super 8 Kalispell</i>	July 21 Northwest Montana Field Trip Day 3; Butte, MT <i>IUGFS</i>	July 22 Independent Field Exercise #3
July 23 Pig Roast 4:30 to 7:00	July 24 Final Study Area	July 25 Final Study Area	July 26 Final Study Area	July 27 Final Study Area	July 28 Final Study Area	July 29 Final Study Area
July 30 Independent Field Exercise #4	July 31 Final Study Area (in camp)	August 1 G429 students leave IUGFS Kadoka, SD <i>America's Best Value Inn</i>	August 2 Coralville, IA <i>Super 8,</i>	August 3 G429 students arrive back in Bloomington		

PREREQUISITES

Students are expected to have completed at least the first two–three years of a standard undergraduate program in the geosciences. This would normally include an introductory course and two or more courses in the disciplines of mineralogy, petrology, sedimentology, stratigraphy, and structure/tectonics. Additional topical coursework is beneficial for some of the areas of concentration which are available.