

Course announcement for Spring Semester 2015

# Fluvial Geomorphology

Dr. Carl J. Legleiter, Department of Geography

Lecture: TR 9:35-10:50; Lab: R 3:10-5:00; A & S Room #314

4 credits; GEOG 4450 (CRN: 24492/25479); GEOG 5450 (CRN: 24493/25480)

Fluvial geomorphology is the study of river systems and the processes by which channels and floodplains evolve over time. In this class, we will examine the mechanics of flow and sediment transport, the distribution of riverine landforms, and the interactions between bed material transport and river morphology that drive channel change. Connections to stream ecology and resource management also will be explored. The course emphasizes a quantitative, process-based approach and a separate lab component involving the use of various computational tools will provide students with valuable practical skills. Please contact the instructor with any questions: [cleglei1@uwyo.edu](mailto:cleglei1@uwyo.edu), 766-2706, A&S #332.

