Summer Field Course

University of Oregon
Geography Department
Prof. Pat McDowell
Chris Massingill (PhD candidate)
Pollyanna Lind (MS candidate)

River and Riparian Field Studies
Geog 4/510

Ten days, September 10-20, + meetings on Sept. 6 & 28

Credits: 4 (upper division)
Course Fee: $1,250
(includes tuition, food and transportation for 10 days of field study, financial aid eligible)

Course Focus: Interactions between biological and physical processes in river floodplains, including geomorphology and plant ecology, and concepts and techniques for river assessment and restoration planning.
- river flow
- depositional processes
- formation of floodplains
- Field Techniques:
  - o sampling riparian plant communities and river floodplain deposits
  - o field survey
  - o GPS techniques
- plant establishment on river banks
- plant community development related to soil and moisture gradients.

Pre-requisites: One upper-division course in related natural sciences (hydrology, geomorphology, botany, ecology). Applicants must be able to meet the demands of living and working in the rugged conditions and weather of the Oregon high desert (Sprague River Valley – Klamath Basin, Oregon). Insurance is required.

September 6th -- Orientation/lecture. Pre-course readings on riparian veg. and floodplain development.
Sept. 10-20th -- Field based work in the Sprague & Sycan River. Evening stakeholder speakers on local restoration issues in the basin (government, Klamath Tribes, local ranchers, conservationists, etc).
Sept 28th – Wrap-up lecture/meeting. Students will complete and turn in field journals.

Registration: Limited to 10 students. Pre-approval is necessary for registration. There is no absolute deadline for applying. We will start accepting students on April 15th, and will continue until the places are filled.

Field Camp: Showers and toilets are on location. Students are required to bring their own camping gear, and appropriate clothing and personal gear. Students will be expected to participate in cooking and clean up.

For more information, contact course coordinator, Pollyanna Lind (plind@uoregon.edu) or go to:
http://geography.uoregon.edu/mcdowell/field_school/2007index.html