

Course Schedule - Spring 2008

Natural Resources and Environmental Sciences

499 **Experimental Graduate Courses** credit: 1 to 3 hours.

Experimental course on a special topic in natural resources and environmental sciences. May be repeated to a maximum of 12 hours.

CRN	Type	Section	Time	Days	Location	Instructor
48754	lecture-discussion	BLE	04:00 PM - 05:50 PM	M	room 316N Mumford Hall	Schooley, R
48754: 2 hours Behavioral Landscape Ecology Section BLE: Behavioral Landscape Ecology This course will explore interactions between the behavioral ecology of animals and landscape heterogeneity. Topics will include movement behavior, search strategies, perceptual range, functional landscape connectivity, conspecific attraction, habitat imprinting, environmental autocorrelation, and scale-dependent habitat selection.						
35230	lecture-discussion	EU	06:00 PM - 08:20 PM	T	room C Law Bldg	Lila, M
35230: 2 hours The European Union.						
49216	lecture	IE3	11:00 AM - 01:20 PM	W	room 1040 Foreign Languages Bldg	Treat, J
49216: 3 hours Indigenous Ecologies'Indigenous Ecologies'. This section is for 3 credit hours, and Graduate Students should also enroll in CRN 49217 in order to receive full credit for the work that will be required of them. This interdisciplinary seminar explores the relationship between human experience and natural environment in native North America. Assigned readings survey historical and contemporary case studies in New World ethnoecology, including noteworthy examples of adaptation in the context of settler colonialism and in response to the dominant paradigm of scientific ecology. Class discussions are supplemented by audiovisual materials, guest speakers, and relevant campus events. Students have the opportunity to gain a basic understanding of ecological traditions among American Indians; to conduct a research project focusing on a particular theme, issue, region, or community; and to develop their critical skills for use in academic, professional, and personal settings.						
49217	lecture	IE4	11:00 AM - 01:20 PM	W	room 1040 Foreign Languages Bldg	Treat, J
49217: 1 hours Indigenous Ecologies'Indigenous Ecologies'. This section for Graduate Students provides an additional hour of credit to reflect the work that will be required of them. Graduate students should enroll in both CRN 49216 and 49217 in order to receive full credit. See description under CRN 49216.						
35228	lecture-discussion	MC	02:00 PM - 05:00 PM	M	room 122 Bevier Hall	Brazee, R
35228: 3 hours Modeling Communities Modeling Communities is a graduate course focusing on applying modeling techniques to analyze community relationships. Modeling can be useful as the last step in a grounded analysis or the first step in a quantitative analysis prior to starting statistical analysis. As such, modeling can be viewed as a method for precisely describing the relationships under study. Tools include discrete and continuous modeling, graphs, matrices, equations, networking, chaos and game theory. The class will involve modeling						

classic papers in community theory, including papers by community theorists, such as Warren, Wilkinson, Goldschmidt, and Bauman. Students will be expected to develop and present a model of community associated with research interests during the course of the semester.

48984	lecture-discussion	MPW	ARRANGED			Ward, M
48984: 1 hours Adv Tech Wildlife MonitoringSection MPW: "Advanced Technologies for Wildlife Monitoring" Meeting time and location to be announced.						
41991	discussion-recitation	SFA	02:00 PM - 03:50 PM	MW	room ARR Turner Hall	Kovacic, D
41991: 3 hours Section SFA: The Watershed Design Workshop to Develop a Sustainable South Farm Agroecosystem						
35225	lecture-discussion	TAE	ARRANGED			Wahl, D
35225: 2 hours Ecology & Conserv ResearchSection TAE: Advanced Topics in Ecology and Conservation Science Research. Contact Dr. Wahl by email to find out about location and meeting times.						