

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

GEOGRAPHY, GEOLOGY & ENVIRONMENTAL SCIENCE**Environmental Science**

ENVSCI 200 INTRODUCTION TO ENVIRONMENTAL SCIENCE (GM) ... *The introductory course for the environmental sciences major introduces students to the complexity of topics included in environmental sciences and is the important first step in the major. A one hour discussion section allows students and instructors to explore current topics and issues that fall within environmental science.*

PREREQ: MATH 141 OR WAIVER OF MATH 141

#1732	Section 01	[units: 4]	Gen Ed Math/Natural Sciences (GM)			
	01/17-05/19	F	09:00 AM - 09:50 AM	UHO150	Stephen Levas	
	01/17-05/19	MW	09:30 AM - 10:45 AM	HH1319	Stephen Levas	
#1734	Section 02	[units: 4]	Gen Ed Math/Natural Sciences (GM)			
	01/17-05/19	F	10:00 AM - 10:50 AM	UHO150	Stephen Levas	
	01/17-05/19	MW	09:30 AM - 10:45 AM	HH1319	Stephen Levas	

ENVSCI 400 ENVIRONMENTAL SCIENCE CAPSTONE ... *This course enables students to utilize the wide range of knowledge and skills acquired in other courses to complete an original, interdisciplinary environmental science research project while acquiring and refining crucial skills such as research design, analysis, presentation, and teamwork that will prepare them for a career in environmental sciences.*

PREREQ: ENVIRONMENT SCIENCE MAJOR, SENIOR STANDING OR CONSENT OF INSTRUCTOR

#1730	Section 01	[units: 3]				
	01/17-05/19	TR	02:00 PM - 03:15 PM	UHO160	Andrea Romero	

ENVSCI 491 TRAVEL STUDY ... *Variable topics. Faculty-led field courses.*

#4223 Section 01 [units: 3] NOTE: Class sessions will be announced by the course faculty member(s). Students will also participate in the faculty-led travel study component of the course scheduled for Peru from May 22nd through Jun 8th 2017. Contact the Center for Global Education [email: studyabroad@uww.edu], the course faculty, or the web www.uww.edu/international for a program application; contact DR Burkham for academic requirements or for more information about the course. Applications are due to the Center for Global Education on or before Friday, December 9th, 2016. Shortly after course registration, an initial billing based on most of the estimated Travel Study Program Course fee, as noted on the course application, will be charged to the student's account. A second billing will occur once the travel Study Program fee has been officially determined less the amount already billed initially. Travel study registration is not available via WINS registration. Travel study participants may not add or drop a travel study course via WINS once it has been added to their academic schedule. Failure to abide by the add/drop provisions of the Travel Study Program could result in severe financial penalties. Students are advised to refer to the Travel Study Application and Student Contract for more information.

Dept. Consent

	01/17-05/19	W	05:00 PM - 07:00 PM	UHO150	Jonathan Burkham	PERU: ECOTOURISM & SUSTNABLY
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ENVSCI 493 INTERNSHIP IN ENVIRONMENTAL SCIENCE ...

#1735	Section 01	[units: 1-3]				
	01/17-05/19	Arranged	Arranged		Peter Jacobs	
#1736	Section 02	[units: 1-3]				
	01/17-05/19	Arranged	Arranged		Dale Splinter	

Dept. Consent

Dept. Consent

ENVSCI 498 INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCE ... *Study of a selected topic or topics under the direction of a faculty member.*

Repeatable one time for a maximum of 6 credits in major/degree.

#4540	Section 01	[units: 1-3]				
	01/17-05/19	Arranged	Arranged		Dale Splinter	

Dept. Consent

ENVSCI 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ... *Study of a selected topic or topics under the direction of a faculty member.*

Repeatable one time for a maximum of 6 credits in major/degree.

#4541	Section 01	[units: 1-3]				
	01/17-05/19	Arranged	Arranged		Dale Splinter	

Dept. Consent

Geography

GEOGRPY 120 INTRODUCTION TO WEATHER AND CLIMATE (GL) ... *This course introduces students to the processes controlling and distinguishing weather and climate. Particular emphasis is on data selection, interpretation, and analysis. The impacts of severe weather and climate change on humans is also emphasized. The labs expose students to the wide range of weather and climate information currently available on the Internet.*

COREQ: MATH 141 OR WAIVER

#1765 Section 01 [units: 4] Gen Ed Laboratory (GL) NOTE: This is an entirely web based section taught out of D2L. Contact the instructor for additional information. Additional required course fee is \$200.

	01/17-05/19	Arranged	Arranged	WEB BASED	Jean Kowal	
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#1796 Section 01W [units: 4] Gen Ed Laboratory (GL) NOTE: This section is reserved for students in our online majors.

This is an entirely web based section taught out of D2L. Contact the instructor for additional information. Additional required course fee is \$200.

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

	01/17-05/19	Arranged	Arranged	WEB BASED	Jean Kowal	
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Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

GEOGRPY 210 PHYSICAL GEOGRAPHY (GL) ... A study of selected physical aspects of our geographic environment. Emphasis is given to the origin and characteristic features of topographic, climatic, vegetative and soil regions of the earth and to their interrelationships. The ultimate objective is to provide a foundation upon which to build a better understanding of human interrelationships with the physical environment. Field trips are normally taken.

COREQ: MATH 141 OR WAIVER

#1752	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
	01/17-05/19	M	09:00 AM - 10:40 AM	UH0160	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	John Frye		
#1753	Section 02	[units: 5]	Gen Ed Laboratory (GL)				
	01/17-05/19	W	09:00 AM - 10:40 AM	UH0160	John Frye		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	John Frye		
#1754	Section 03	[units: 5]	Gen Ed Laboratory (GL)				
	01/17-05/19	T	09:00 AM - 10:40 AM	UH0160	John Frye		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	John Frye		
#1764	Section 04	[units: 5]	Gen Ed Laboratory (GL)				
	01/17-05/19	R	09:00 AM - 10:40 AM	UH0160	John Frye		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	John Frye		
#1760	Section 05	[units: 5]	Gen Ed Laboratory (GL)				
	01/17-05/19	F	09:00 AM - 10:40 AM	UH0160	John Frye		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	Peter Jacobs		
	01/17-05/19	MTWR	01:00 PM - 01:50 PM	UH0145	John Frye		

GEOGRPY 230 HUMAN GEOGRAPHY (GS) ... A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

#1737	Section 01	[units: 3]	Gen Ed Social Science (GS)				
	01/17-05/19	MW	11:00 AM - 12:15 PM	HH1319	Jonathan Burkham		
#1763	Section 02	[units: 3]	Gen Ed Social Science (GS)				
	01/17-05/19	MW	02:00 PM - 03:15 PM	HH1319	Jonathan Burkham		
#1767	Section 03	[units: 3]	Gen Ed Social Science (GS)				
	01/17-05/19	MW	03:30 PM - 04:45 PM	UH0143	Margo Kleinfeld		

GEOGRPY 232 GEOGRAPHY OF RACE AND ETHNICITY IN THE UNITED STATES (DV) (GS) ... The course takes a geographical approach to the study of ethnic and racial groups in the United States. Native American, African American, Hispanic American, and Asian American groups are studied systematically. Major topics include mobility, culture regions, the cultural landscape created by the various ethnic and racial groups, immigration, segregation, and their associated politics.

PREREQ: SOPHOMORE STANDING

#1773	Section 01	[units: 3]	U.S. Racial/Ethnic Diversity (DV)				
	01/17-05/19	TR	09:30 AM - 10:45 AM	UH0143	Jeffrey Zimmerman		

GEOGRPY 252 GLOBAL ENVIRONMENTAL CHALLENGES (GS) ... An introduction to environmental problems and their complexities. Attention is given to alternative solutions to such problems and the implications these alternatives have for the total environment. The course emphasizes the evaluation of the interrelationships between the environmental resource demands of people and the actual resource base of the earth.

#1739	Section 01	[units: 3]	Gen Ed Social Science (GS)				
	01/17-05/19	MW	11:00 AM - 12:15 PM	UH0143	Rocio Duchesne-Onoro		
#1738	Section 02	[units: 3]	Gen Ed Social Science (GS)				
	NOTE: This class is taught online through Desire2Learn. The course site will be available to you at the beginning of the semester. An additional \$150 fee will be assessed for this course.						
	01/17-05/19	Arranged	Arranged	WEB BASED	Jean Kowal		

GEOGRPY 270 GIS I: INTRODUCTION TO GIS AND MAPPING ... An introduction to the quantitative and qualitative mapping techniques applicable to the physical and social sciences. Included are the skills required to create clear, concise and aesthetically pleasing maps, as well as how to derive information from them. Both graphic and cartographic software packages will be utilized to create and evaluate maps. Field trips are normally taken.

#1740	Section 01	[units: 3]	NOTE: Required additional course fee is \$25.00.				
	01/17-05/19	W	03:30 PM - 04:45 PM	UH0106	Rocio Duchesne-Onoro		
	01/17-05/19	MW	02:00 PM - 03:15 PM	UH0106	Rocio Duchesne-Onoro		
#1847	Section 02	[units: 3]	NOTE: Required additional course fee is \$25.00.				
	01/17-05/19	R	03:30 PM - 04:45 PM	UH0106	Rocio Duchesne-Onoro		
	01/17-05/19	TR	02:00 PM - 03:15 PM	UH0106	Rocio Duchesne-Onoro		

GEOGRPY 300 SOIL SCIENCE ... Soil science deals with the systematic description, analysis, and understanding of soils and how they interact with and drive environmental processes and ecosystems. This course will examine the properties, formation, classification, and distribution of soil, stressing the connections between environmental controls on their formation and distribution. Field trips required.

PREREQ: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

#1755	Section 01	[units: 3]					
	01/17-05/19	TR	03:30 PM - 04:45 PM	UH0150	Peter Jacobs		

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
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GEOGRPY 323 WATER RESOURCES ... Class will investigate the pathways and processes of water transfer and storage in the many reservoirs on earth, along with the impact of human activities on water quality and fluxes. Detail is given to shallow groundwater monitoring and soil indicators of saturation for wetland delineation, anthropogenic effects on streams, and land use issues related to water quality. Field trips normally taken.

PREREQ: GEOGRPY 210 OR GEOLGY 100 OR GEOLGY 101 OR BIOLOGY 142 OR CONSENT OF INSTRUCTOR

#1771 Section 01 [units: 3]

01/17-05/19	TR	09:30 AM - 10:45 AM	UH0150	Dale Splinter
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GEOGRPY 330 BIOGEOGRAPHY ... This course provides an introduction to biogeography, the study of distributions of organisms. This course will combine both historical and ecological perspectives in analyzing plant and animal distributions. Human impacts on biotic distributions will also be discussed in some detail.

PREREQ: GEOGRPY 210 OR BIOLOGY 120

#1768 Section 01 [units: 3]

01/17-05/19	MW	02:00 PM - 03:15 PM	UH0063	Rex Hanger
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GEOGRPY 344 URBAN GEOGRAPHY ... The intraurban consideration of various land-use and population characteristics of cities, their patterns, interrelations and changes is followed by the interurban study of locations, size, spacing, types and functions of urban settlements. Field trips are normally taken.

PREREQ: GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

#1798 Section 01 [units: 3]

01/17-05/19	TR	12:30 PM - 01:45 PM	UH0150	Jeffrey Zimmerman
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GEOGRPY 364 GEOGRAPHY OF EAST ASIA (GS) ... A study of contemporary and historical interrelationships between the natural environment and economic, political and cultural activities in East Asia. Countries studied include: China, Taiwan, Mongolia, Japan, and North and South Korea.

PREREQ: GENED 140 OR GEOGRPY 230 OR JUNIOR STANDING OR CONSENT OF INSTRUCTOR

#1810 Section 01 [units: 3] Gen Ed Social Science (GS)

01/17-05/19	MW	12:30 PM - 01:45 PM	UH0150	Margo Kleinfeld
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GEOGRPY 370 GIS II: SPATIAL DATA AND ANALYSIS ... The basic principles and operations of geographic information systems (GIS) are presented, including the capture, storage, management, analysis and display of geographic referenced data and their attributes. Laboratory exercises provide extensive hands-on experiences with a number of GIS software packages, including both raster and vector systems. Field trips are normally taken.

COREQ: GEOGRPY 270 OR CONSENT OF INSTRUCTOR

#1749 Section 01 [units: 3] NOTE: Required additional course fee is \$25.00.

01/17-05/19	R	11:00 AM - 12:15 PM	UH0106	Jeffrey Olson
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01/17-05/19	TR	09:30 AM - 10:45 AM	UH0106	Jeffrey Olson
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GEOGRPY 380 CARTOGRAPHY AND GEOVISUALIZATION ... With the growing use of maps on the web, cartography is experiencing a modern-day renaissance. Our class goals are to learn the principles of map design and apply them to create production-quality maps. We'll also explore advanced techniques for thematic maps and experiment with tools to create interactive web maps. By the course's end, students will have a portfolio of professional maps to share with employers and friends.

PREREQ: GEOGRPY 270

#1811 Section 01 [units: 3]

01/17-05/19	TR	12:30 PM - 01:45 PM	UH0106	Jeffrey Olson
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GEOGRPY 400 CAPSTONE IN GEOGRAPHY ... Capstone in Geography prepares students for future options within the various fields of Geography/Geology. Portfolio preparation and presentation is emphasized as an essential element of making the transition to careers in both the public and private sector, as well as graduate studies.

PREREQ: GEOGRPY 100, GEOGRPY 210, GEOGRPY 230 OR GEOGRPY 252, GEOGRPY 270 AND SENIOR STATUS OR CONSENT OF INSTRUCTOR

#1766 Section 01 [units: 1]

01/17-03/11	T	05:00 PM - 06:30 PM	UH0150	Dale Splinter
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GEOGRPY 420 HUMAN AND CLIMATE INTERACTIONS ... The course objective is to distinguish between natural climate change and change induced by human activities. Topics covered include human modifications to cloud cover, global warming, and ozone problems. Another emphasis is to better understand the impacts of severe weather on human activities and the potential threats of future climate change. At least one field trip is usually taken.

PREREQ: GEOGRPY 320 OR CONSENT OF INSTRUCTOR

#4421 Section 02 [units: 3]

01/17-05/19	TR	11:00 AM - 12:15 PM	UH0150	John Frye
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GEOGRPY 470 APPLIED ENVIRONMENTAL AND NATURAL RESOURCE GIS ... This course will provide the knowledge and skills necessary to utilize GIS for solving applied environmental analysis problems. Specifically, the course is designed to 1) identify and resolve environmental and natural resource problems in terms of spatial analysis, 2) explore a conceptual understanding of GIS, 3) provide students with technical instruction in current GIS software.

PREREQ: GEOGRPY 270 AND GEOGRPY 370 OR CONSENT OF INSTRUCTOR

#1801 Section 01 [units: 3] NOTE: Required additional course fee is \$25.00.

01/17-05/19	MW	12:30 PM - 01:45 PM	UH0106	Rocio Duchesne-Onoro
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Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

GEOGRPY 491 TRAVEL STUDY ... Variable topics. Faculty-led field courses.

#3589 Section 01 [units: 3] NOTE: Class sessions will be announced by the course faculty member(s). Students will also participate in the faculty-led travel study component of the course scheduled for Peru from May 22nd through Jun 8th 2017. Contact the Center for Global Education (email: studyabroad@uww.edu), the course faculty, or the web www.uww.edu/international for a program application; contact DR Burkham for academic requirements or for more information about the course. Applications are due to the Center for Global Education on or before Friday, December 9th, 2016. Shortly after course registration, an initial billing based on most of the estimated Travel Study Program Course fee, as noted on the course application, will be charged to the student's account. A second billing will occur once the travel Study Program fee has been officially determined less the amount already billed initially. Travel study registration is not available via WINS registration. Travel study participants may not add or drop a travel study course via WINS once it has been added to their academic schedule. Failure to abide by the add/drop provisions of the Travel Study Program could result in severe financial penalties. Students are advised to refer to the Travel Study Application and Student Contract for more information.

01/17-05/19 W 05:00 PM - 07:00 PM UH0150 Jonathan Burkham PERU: ECOTOURISM & SUSTNABLY

GEOGRPY 492 FIELD COURSE ... An introduction to field methods and techniques and their application in the study of a part of the United States or a foreign area. For information about a particular offering, write to the Department of Geography and Geology, University of Wisconsin-Whitewater.

Repeatable.

#1789 Section 01 [units: 4-6] NOTE: Tentative dates of travel: May 15-28, 2017 Cost - \$1500.00 Dept. Consent

01/17-05/19 W 04:00 PM - 05:30 PM UH0160 John Frye SEVERE WEATHER - PLAINS

GEOGRPY 493 INTERNSHIP IN GEOGRAPHY ... Students will be placed in an outside private or governmental agency where they will utilize geographic techniques in approaching practical problems relevant to the agency's mission. An on-campus seminar with fellow interns and the supervisory instructor is required.

#1849 Section 02 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Peter Jacobs

#1850 Section 03 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jeffrey Olson

#1851 Section 04 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Margo Kleinfeld

#1852 Section 05 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged John Frye

#1853 Section 06 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jonathan Burkham

#1854 Section 07 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Dale Splinter

#1855 Section 08 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jeffrey Zimmerman

#1856 Section 09 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Rocio Duchesne-Onoro

GEOGRPY 498 INDEPENDENT STUDY IN GEOGRAPHY ... Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

PREREQ: 12 CREDITS IN GEOGRAPHY, 2.75 GPA IN GEOGRAPHY AND CONSENT OF INSTRUCTOR

#1745 Section 02 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Peter Jacobs

#1834 Section 03 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jonathan Burkham

#1835 Section 04 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Rocio Duchesne-Onoro

#1777 Section 05 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged John Frye

#1746 Section 06 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Dale Splinter

#1747 Section 07 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jeffrey Zimmerman

#1778 Section 08 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jeffrey Olson

#1836 Section 09 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Margo Kleinfeld

GEOGRPY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ... Study of a selected topic or topics under the direction of a faculty member. Repeatable one time for a maximum of 6 credits in major/degree.

#1823 Section 01 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Dale Splinter

#1837 Section 02 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Jonathan Burkham

#1839 Section 04 [units: 1-3] Dept. Consent

01/17-05/19 Arranged Arranged Rocio Duchesne-Onoro

Class#	Section	(Units)	General Education Designation (if any)				Consent
<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>		
#1840	Section 05	[units: 1-3]					Dept. Consent
01/17-05/19	Arranged	Arranged		John Frye			
#1841	Section 06	[units: 1-3]					Dept. Consent
01/17-05/19	Arranged	Arranged		Peter Jacobs			
#1842	Section 07	[units: 1-3]					Dept. Consent
01/17-05/19	Arranged	Arranged		Margo Kleinfeld			
#1843	Section 08	[units: 1-3]					Dept. Consent
01/17-05/19	Arranged	Arranged		Jeffrey Olson			
#1844	Section 09	[units: 1-3]					Dept. Consent
01/17-05/19	Arranged	Arranged		Jeffrey Zimmerman			

Geology

GEOLGY 100 PRINCIPLES OF GEOLOGY (GL) ... An introduction to the concepts which describe the origin and evolution of the earth. Emphasis is on understanding (1) the material make-up of the earth, (2) the internal and external processes which affect the earth, (3) the scientific method as it applies to the study of the earth. One field trip is required. A special fee will be assessed to those students electing to participate on an optional field trip to cover the cost of chartering a bus. Four hours of lectures and two hours of lab each week.

COREQ: MATH 141 OR MATH 140 OR WAIVER

#1858	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
01/17-05/19	T		09:00 AM - 10:30 AM	UH0060	Prajukti Bhattacharyya		
01/17-05/19	MTWR		01:00 PM - 01:50 PM	UH0143	Prajukti Bhattacharyya		
#1859	Section 02	[units: 5]	Gen Ed Laboratory (GL)				
01/17-05/19	R		09:00 AM - 10:30 AM	UH0060	Prajukti Bhattacharyya		
01/17-05/19	MTWR		01:00 PM - 01:50 PM	UH0143	Prajukti Bhattacharyya		

GEOLGY 101 ELEMENTS OF GEOLOGY (GL) ... An introduction to the study of the earth. Emphasis is place on: (1) the materials which make up the earth, (2) the internal and external processes which affect the earth, (3) the length of geologic time, and (3) the methods of science, especially as they apply to the study of the Earth. One half-day field trip in the immediate area is required. An optional field trip, requiring a transportation fee, will be conducted to the Baraboo Hills reagon. Three hours of lecture and two hours of laboratory per week.

COREQ: MATH 141 OR MATH 140 OR WAIVER

#1871	Section 01	[units: 4]	Gen Ed Laboratory (GL)				
01/17-05/19	M		09:00 AM - 10:30 AM	UH0060	Jean Kowal		
01/17-05/19	MW		02:00 PM - 03:15 PM	UH0143	Jean Kowal		
#1872	Section 02	[units: 4]	Gen Ed Laboratory (GL)				
01/17-05/19	M		11:00 AM - 12:30 PM	UH0060	Jean Kowal		
01/17-05/19	MW		02:00 PM - 03:15 PM	UH0143	Jean Kowal		
#1873	Section 03	[units: 4]	Gen Ed Laboratory (GL)				
01/17-05/19	W		09:00 AM - 10:30 AM	UH0060	Jean Kowal		
01/17-05/19	MW		02:00 PM - 03:15 PM	UH0143	Jean Kowal		

GEOLGY 204 EARTH AND LIFE HISTORY (GM) ... A study of the changes in the Earth's crust and life through geologic time and the methodology used in reconstructing Earth history, including plate tectonics, organic evolution and stratigraphy. A special fee will be assessed to cover transportation costs for those students selecting to participate on an optional field trip.

COREQ: MATH 141 OR MATH 140 OR WAIVER

#1863	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/17-05/19	MWF		01:00 PM - 01:50 PM	UH0140	Rex Hanger		
#1864	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
NOTE: This class will be taught on the web and you must have an active UWW email account to take this class. A week or two before the class begins, information on how to access the class will be mailed to your UWW email account. Required additional course fee is \$150.							
01/17-05/19	Arranged	Arranged		WEB BASED	Rex Hanger		

GEOLGY 301 ENVIRONMENTAL GEOLOGY (GM) ... A study of geological phenomena such as earthquakes, volcanism, mass movements, river processes, coastal processes etc. and their impacts on society and enviroment. Special emphasis will be placed on examining remedial measures against geological hazards and how human actions influence natural geological processes. Three lecture hours per week.

#1868	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/17-05/19	MW		03:30 PM - 04:45 PM	UH0060	Prajukti Bhattacharyya		
#1869	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
01/17-05/19	TR		03:30 PM - 04:45 PM	UH0060	Prajukti Bhattacharyya		

GEOLGY 492 FIELD STUDIES IN GEOLOGY ... Field studies of classic geologic regions. Emphasis will be placed on training in the basic techniques and methods of field studies, recognition and interpretation of geologic structures, and the use of field observations to develop both geologic understanding of the region studied and geologic reasoning ability. Students will be responsible for the cost of the university van rental and other trip expenses. Repeatable 3 times in the major and degree, up to 9 credits total.

COREQ: GEOLGY 100 OR CONSENT OF INSTRUCTOR

#1862	Section 01	[units: 1-3]	NOTE: Field excursion: March 4-10	Cost: \$850.00			Dept. Consent
01/17-05/19	M		06:00 PM - 08:50 PM	UH0063	Rex Hanger	Central and West Texas	

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>	
GEOLGY 493 INTERNSHIP IN GEOLOGY ... Students will be placed in an outside private or governmental agency where they will utilize geographic techniques in approaching practical problems relevant to the agency's mission. An on-campus seminar with fellow interns and the supervisory instructor is required.						
#1892	Section 02	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Rex Hanger		
#1893	Section 03	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Prajukti Bhattacharyya		
GEOLGY 498 INDEPENDENT STUDY ... Study of a selected topic or topics under the direction of a faculty member. Repeatable.						
PREREQ: EIGHT CREDITS IN GEOLOGY OR CONSENT OF INSTRUCTOR AND PROGRAM COORDINATOR						
#1860	Section 01	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Rex Hanger		
#1861	Section 02	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Prajukti Bhattacharyya		
GEOLGY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ... Study of a selected topic or topics under the direction of a faculty member. Repeatable						
#1865	Section 01	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Rex Hanger		
#1866	Section 02	[units: 1-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Prajukti Bhattacharyya		
GEOLGY 499 GEOLOGY THESIS ... Individual research for major writing a thesis under direct supervision of a member of the faculty. Available only for senior students.						
PREREQ: SENIOR STATUS <input type="checkbox"/>						
#1874	Section 01	[units: 2-3]				Dept. Consent
01/17-05/19	Arranged	Arranged		Rex Hanger		