<table>
<thead>
<tr>
<th>#</th>
<th>Start/End Dates</th>
<th>Meeting Days</th>
<th>Meeting Times</th>
<th>Location</th>
<th>Instructor</th>
<th>Consent</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1130</td>
<td>06/16-07/25</td>
<td>Arrange</td>
<td>WEB BASED</td>
<td>Jean Kowal</td>
<td>John D Frye</td>
<td></td>
</tr>
<tr>
<td>#1129</td>
<td>05/27-07/03</td>
<td>MW</td>
<td>UHD1050</td>
<td>Dale K Splinter</td>
<td>Jeffrey A Zimmerman</td>
<td></td>
</tr>
<tr>
<td>#1474</td>
<td>05/27-08/15</td>
<td>Arrange</td>
<td>OFF CAMPUS</td>
<td>Peter M Jacobs</td>
<td></td>
<td>Dept. Consent</td>
</tr>
<tr>
<td>#1709</td>
<td>06/16-07/25</td>
<td>Arrange</td>
<td>George V Clokey</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Geography

**GEOGRPY 120 INTRODUCTION TO WEATHER AND CLIMATE**... 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.

**GEOGRPY 210 PHYSICAL GEOGRAPHY**... 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.

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

**GEOGRPY 250 GEOGRAPHY OF WISCONSIN**... A systematic treatment of physical and cultural geographic phenomena. Emphasis is placed on the interrelationships and interactions of these phenomena from place to place within the state.

**GEOGRPY 252 HUMAN ENVIRONMENTAL PROBLEMS**... 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.

**GEOGRPY 485 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. Prereq: Students with a major or minor program emphasis in geography must have completed a minimum of 14 credits in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected credits in geography and consent of the intern committee. Repeatable for a maximum of 6 credits in major and 12 credits in degree.

### Geology

**GEOLGY 250 ECOLOGY & GEOLOGY OF YELLOWSTONE NATL. PARK & UPPER GREAT PLAINS**... An interdisciplinary introduction to field methods, geology, ecology and natural history. Involves on-line work with additional lectures and labs at Yellowstone National Park and locations en route. Additional course fees apply. Students with disabilities may be accommodated. Biology or Geology/Geography majors take Bio/Geo 451 or see Department Chair. Summers only.

**GEOLGY 451 MINERALOGY**... A study of the occurrence, occurrence, characteristics, and uses of rocks and minerals of Wisconsin. The course emphasizes the evaluation of the interrelationships of these phenomena from place to place within the state.

**GEOLGY 120 INTRODUCTION TO WEATHER AND CLIMATE**... 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.

**GEOLGY 210 PHYSICAL GEOGRAPHY**... 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.

**GEOLGY 230 HUMAN GEOGRAPHY**... A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

**GEOLGY 250 GEOGRAPHY OF WISCONSIN**... A systematic treatment of physical and cultural geographic phenomena. Emphasis is placed on the interrelationships and interactions of these phenomena from place to place within the state.

**GEOLGY 252 HUMAN ENVIRONMENTAL PROBLEMS**... 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.

**GEOLGY 485 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. Prereq: Students with a major or minor program emphasis in geography must have completed a minimum of 14 credits in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected credits in geography and consent of the intern committee. Repeatable for a maximum of 6 credits in major and 12 credits in degree.

**GEOLGY 120 INTRODUCTION TO WEATHER AND CLIMATE**... 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.

**GEOLGY 210 PHYSICAL GEOGRAPHY**... 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.

**GEOLGY 230 HUMAN GEOGRAPHY**... A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

**GEOLGY 250 GEOGRAPHY OF WISCONSIN**... A systematic treatment of physical and cultural geographic phenomena. Emphasis is placed on the interrelationships and interactions of these phenomena from place to place within the state.

**GEOLGY 252 HUMAN ENVIRONMENTAL PROBLEMS**... 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.

**GEOLGY 485 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. Prereq: Students with a major or minor program emphasis in geography must have completed a minimum of 14 credits in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected credits in geography and consent of the intern committee. Repeatable for a maximum of 6 credits in major and 12 credits in degree.

**GEOLGY 120 INTRODUCTION TO WEATHER AND CLIMATE**... 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.

**GEOLGY 210 PHYSICAL GEOGRAPHY**... 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.

**GEOLGY 230 HUMAN GEOGRAPHY**... A systematic study of human land relationships highlighting the diversity of the elements that make up the cultural landscape in various regions.

**GEOLGY 250 GEOGRAPHY OF WISCONSIN**... A systematic treatment of physical and cultural geographic phenomena. Emphasis is placed on the interrelationships and interactions of these phenomena from place to place within the state.

**GEOLGY 252 HUMAN ENVIRONMENTAL PROBLEMS**... 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.

**GEOLGY 485 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. Prereq: Students with a major or minor program emphasis in geography must have completed a minimum of 14 credits in geography and have the consent of the intern committee. Students of cognate majors must have a minimum of 9 selected credits in geography and consent of the intern committee. Repeatable for a maximum of 6 credits in major and 12 credits in degree.
GEOLOGY 451  NATURAL HISTORY OF YELLOWSTONE NP AND THE UPPER GREAT PLAINS ... This is an introductory, multi-disciplinary, summer field course open to all. It is held at Yellowstone National Park and locations in route. Students will learn field methods, geology, ecology and natural history. It is suitable for biology and geology majors and anyone interested in field science or natural history.

PREREQ: BIOLOGY 120 OR BIOLOGY 141 AND CONSENT OF INSTRUCTOR

#1477  Section 01   [units: 3]      NOTE: This is a 19-day faculty-led travel study course is intended for Biology majors/minors and Geology/Geography majors/minors. Travel is scheduled to South Dakota, Montana, and Yellowstone National Park for Monday, August 4 to Saturday, August 23, 2014. Contact Kari Borne (bornek@uww.edu or 262-472-1003) for an application or Professor Clokey (clokeyg@uww.edu or 262-472-5140) for academic requirements. 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. Go to http://www.uww.edu/conteduc/travel/index.htm for more information on due dates, itinerary, and course fees.

07/28-08/15  Arranged  Arranged  George V Clokey