

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

**BIOLOGICAL SCIENCES****Biological Sciences**

**BIOLOGY 120 BIOLOGICAL FOUNDATIONS (GL) ... A terminal course designed to introduce basic principles of life, such as structure and function, reproduction, evolution, diversity, and adaptation, leading to a broader understanding of man and his biological environment. Not applicable to biology emphases or minors. Three lectures and two hours of laboratory per week.**

**COREQ: MATH 141 OR MATH 140 OR WAIVER**

#1153	Section 01	[units: 4]	Gen Ed Laboratory (GL)				
	06/20-07/30	MTWR	10:45 AM - 01:35 PM	UH0364	Kerry R Katovich		
	06/20-07/30	MTWR	10:45 AM - 01:35 PM	UH0364	George V Clokey		

**BIOLOGY 141 INTRODUCTORY BIOLOGY I (GL) ... An introduction to biology emphasizing the chemistry of life, the cell, metabolism, genetics, bacteria and protists. Three hours of lecture and one hour of discussion and two hours of laboratory per week. This course is prerequisite to all advanced courses in biology for majors and minors. Offered every term.**

**PREREQ: MATH 141 WITH A GRADE OF C OR BETTER OR WAIVER.**

#1494	Section 01	[units: 5]	Gen Ed Laboratory (GL)	NOTE: This is a hybrid course. Labs are held in class, while lectures are online.			
	06/20-07/30	TR	10:45 AM - 01:45 PM	UH0312	Nadine L Kriska		
	06/20-07/30	Arranged	Arranged	WEB BASED	Nadine L Kriska		

**BIOLOGY 214 ECOLOGY AND SOCIETY (GM) ... A study of basic ecological concepts and their application to the identification, understanding, and abatement of contemporary environmental problems. Special emphasis is given to those problems resulting from man and his activities. This course is accepted as a course in conservation required for teacher licensure in the sciences.**

#1158	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: This is a web based course. Required additional course fee is \$150.			
	05/31-06/18	Arranged	Arranged	WEB BASED	Stephen L Solheim		

**BIOLOGY 250 ECOLOGY & GEOLOGY OF YELLOWSTONE NATL. PARK & UPPER GREAT PLAINS (GL) ... 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.**

**COREQ: MATH 140 OR MATH 141**

#1165	Section 01	[units: 4]	Gen Ed Laboratory (GL)	NOTE: This is a General Laboratory (GL) course offered for all students. The course consists of two parts: 1) two weeks of online coursework and 2) two weeks of faculty-led group travel on July 11-2, 2016. Students with disabilities may be accommodated. Biology majors/minors, Environmental Studies majors/minors and Geology/Geography majors/minors should take BIO/GEO 451. 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 <a href="http://www.uww.edu/ce/travel">http://www.uww.edu/ce/travel</a> for more information on due dates, itinerary, and course fees.			Dept. Consent
	06/20-07/30	Arranged	Arranged	ARRANGED	George V Clokey		

**BIOLOGY 253 INTRODUCTION TO CELL BIOLOGY ... Introduction to the chemical and physical bases of life; bacterial and eukaryotic cell structure and function; cellular respiration; photosynthesis; and molecular biology. Three hours of lecture per week. Offered every semester.**

**PREREQ: BIOLOGY 142 WITH A GRADE OF C OR BETTER AND CHEM 102 WITH A GRADE OF C OR BETTER. COREQ: CHEM 104**

#1495	Section 01	[units: 3]	NOTE: This is a web based course. An addition fee of \$150 is required.				
	06/20-07/30	Arranged	Arranged	WEB BASED	Kris Curran		

**BIOLOGY 303 BIostatISTICS ... Students will learn fundamentals of hypothesis formation and testing, using a variety of univariate statistical methods. Consideration of experimental design and the evaluation of research methodologies published in the biological literature are explored in detail. Students will gain practical experience with implementation of statistical analyses using real world datasets and communicating these results effectively.**

**PREREQ: BIOLOGY 141 AND BIOLOGY 142 WITH A GRADE OF C OR BETTER AND MATH 141 WITH A GRADE OF C OR BETTER**

#1156	Section 01	[units: 4]	NOTE: This class is taught online through D2L. The course site will be available to you at the beginning of the session. An additional \$200 fee will be assessed for this course.				
	06/20-07/30	Arranged	Arranged	WEB BASED	Robert K Kuzoff		

**BIOLOGY 354 FIELD BOTANY ... A study of the identification and ecology of flowering plants, conifers and ferns. Emphasis will be given to the plants and plant communities in the vicinity of the course location. A collection of local plants is required of all students. Field trips required. Summer session only.**

**PREREQ: BIOLOGY 141 OR EQUIVALENT OR CONSENT OF INSTRUCTOR**

#1157	Section 01	[units: 3]	NOTE: Required fee is \$25				
	06/20-07/09	MTWRF	02:00 PM - 04:40 PM	UH0360	Nicholas P Tippery		

**BIOLOGY 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**

#1163	Section 01	[units: 3]	NOTE: This is a 19-day faculty-led travel study course is intended for Biology majors/minors, Environmental Studies majors/minors and Geology/Geography majors/minors. Travel is scheduled to South Dakota, Montana, and Yellowstone National Park for Monday, August 1 - Saturday, August 21, 2015. 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 <a href="http://www.uww.edu/ce/travel">http://www.uww.edu/ce/travel</a> for more information on due dates, itinerary, and course fees.				Dept. Consent
	08/01-08/20	Arranged	Arranged	ARRANGED	George V Clokey		

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**BIOLOGY 492 LABORATORY TEACHING EXPERIENCE ...** This course provides teaching experience at the college level for undergraduate students. Undergraduate teaching experience students will assist faculty members in preparing, delivering, and tearing down laboratory or discussion section instructional units in biology courses, conducting review sessions, and tutoring students under the direct supervision of a faculty mentor. S/NC only.

**PREREQ: GRADE OF B OR BETTER IN ASSIGNED COURSE AND A GPA OF 3.0 OR BETTER. APPROVAL OF FACULTY MENTOR AND THE BIOLOGICAL SCIENCES DEPARTMENT.**□

#1159 Section 01 [units: 1]  
05/31-08/20 Arranged Arranged Kerry R Katovich  
S/NC Grading Basis Only

**BIOLOGY 493 INTERNSHIP IN BIOLOGY ...** Variable topics.

#1160 Section 01 [units: 1-12] Dept. Consent  
05/31-08/20 Arranged Arranged Bruce David Eshelman  
S/NC Grading Basis Only

**BIOLOGY 498 INDEPENDENT STUDY ...** Typical projects may include helping researchers in conducting research projects or helping instructors develop pedagogical tools for their courses. Eligible students who are conducting their own research projects should enroll in Biology 498R. Repeatable for a maximum of 6 credits in major and degree or 2 units in the minor.

**PREREQ: BIOLOGY 141, BIOLOGY 142 AND A 2.0 GRADE POINT AVERAGE IN BIOLOGY**

#1161 Section 01 [units: 1-3] Instructor Consent  
05/31-08/20 Arranged Arranged Kerry R Katovich  
S/NC Grading Basis Only

#1712 Section 02 [units: 1] Instructor Consent  
05/31-06/18 Arranged Arranged Kerry R Katovich  
S/NC Grading Basis Only

**BIOLOGY 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ...** Students will complete and present an undergraduate research project under the direction of a faculty mentor. Projects may require more than one semester to complete. Repeatable for a maximum of 6 units in major and degree or 2 in the minor.

**PREREQ: BIOLOGY 141 AND BIOLOGY 142 AND 2.75 GPA IN BIOLOGY.**

#1162 Section 01 [units: 1-3] Kerry R Katovich  
05/31-08/20 Arranged Arranged  
#1166 Section 02 [units: 1-3] Elisabeth A Harray  
05/31-08/20 Arranged Arranged  
#1167 Section 03 [units: 1-3] Kris Curran  
05/31-08/20 Arranged Arranged  
#1713 Section 04 [units: 2] Kerry R Katovich  
05/31-06/18 Arranged Arranged

\*\*\* GRADUATE LEVEL COURSES \*\*\*

**BIOLOGY 651 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**

#1164 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 3 - Saturday, August 22, 2015. 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/ce/travel> for more information on due dates, itinerary, and course fees. Dept. Consent  
08/01-08/20 Arranged Arranged George V Clokey