

Section V - College of Letters and Sciences

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

#1163	Section 01	[units: 4]	Gen Ed Laboratory (GL)				
06/19-07/29	MTWR		10:45 AM - 01:35 PM	UH0364	Kerry Katovich		
06/19-07/29	MTWR		10:45 AM - 01:35 PM	UH0364	George 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.

#1178	Section 01	[units: 5]	Gen Ed Laboratory (GL)	NOTE: This is a hybrid course. Labs are held in class, while lectures are online.			
06/19-07/29	TR		10:45 AM - 01:45 PM	UH0312	Nadine Kriska		
06/19-07/29	Arranged		Arranged	WEB BASED	Nadine Kriska		

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

#1175	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 10-21, 2017. Students with disabilities may be accommodated. Biology majors/minors, Environmental Studies majors/minors and Geology/Geography majors/minors should take BIO/GLG 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 http://www.uww.edu/ce/travel for more information on due dates, itinerary, and course fees.			Dept. Consent
06/19-07/29	Arranged		Arranged	WEB BASED	George Clokey		
07/10-07/21	Arranged		Arranged	OFF CAMPUS	George Clokey		

CHEMISTRY

Chemistry

CHEM 102 INTRODUCTORY CHEMISTRY (GL) ... An introduction to the general concepts of chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, changes of state, thermochemistry, acid-base theory, solutions, colloids, kinetics, equilibria and electrochemistry.

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

#1186	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
05/30-07/29	T		08:00 AM - 10:15 AM	UH0242	Paul House		
05/30-07/29	MWR		08:00 AM - 10:15 AM	UH0143	Steven Girard		

CHEM 104 INTRODUCTORY CHEMISTRY (GL) ... A continuation of CHEM 102.

PREREQ: CHEM 102

#1188	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
05/30-07/29	W		07:30 AM - 09:45 AM	UH0244	Paul House		
05/30-07/29	MTR		07:30 AM - 09:45 AM	UH0140	Baocheng Han		
05/30-07/29	MTR		07:30 AM - 09:45 AM	UH0140	Hassimi Traore		

GEOGRAPHY, GEOLOGY & ENVIRONMENTAL SCIENCE

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

#1199	Section 01	[units: 4]	Gen Ed Laboratory (GL)	NOTE: This course will be taught using Desire2Learn. A short while before class, information will be sent to each student's UWW email address. Required additional fee of \$200 will be assessed for this class.			
06/19-07/29	Arranged		Arranged	WEB BASED	John Frye		

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
-----------------	--------------	---------------	----------	------------	------------------------------

#1211 Section 01W [units: 4] Gen Ed Laboratory (GL) NOTE: This section is reserved for online majors. This class is taught online through Desire2Learn. The course site will be available to you prior to the beginning of the session. An additional \$200 fee will be assessed for this course.

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

06/19-07/29	Arranged	Arranged		John Frye	
-------------	----------	----------	--	-----------	--

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

#1200 Section 01 [units: 5] Gen Ed Laboratory (GL) NOTE: This is a hybrid course using D2L, but meeting face-to-face for labs on MW. Information will be sent to the students email address shortly before the start of classes.

05/30-07/08	MW	08:30 AM - 10:15 AM	UH0150	Dale Splinter	
-------------	----	---------------------	--------	---------------	--

05/30-07/08	Arranged	Arranged	WEB BASED	Dale Splinter	
-------------	----------	----------	-----------	---------------	--

Geology

GEOLOGY 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

#1212 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 10-21, 2017. Students with disabilities may be accommodated. Biology majors/minors, Environmental Studies majors/minors and Geology/Geography majors/minors should take BIO/GLG 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 <http://www.uww.edu/ce/travel> for more information on due dates, itinerary, and course fees.

Dept. Consent

06/19-07/29	Arranged	Arranged	WEB BASED	George Clokey	
-------------	----------	----------	-----------	---------------	--

07/10-07/21	Arranged	Arranged	OFF CAMPUS	George Clokey	
-------------	----------	----------	------------	---------------	--

PHYSICS

Astronomy

ASTRONOMY 112 INTRODUCTION TO ASTRONOMY (GL) ... An examination of concepts regarding the organization of the universe. The solar system, astronomical principles and instruments, stellar evolution and galaxies are among topics covered. Activities include field trips, observations of the night sky and of the sun with telescopes, and laboratory work. Four one-hour lectures and one two-hour laboratory/observation period per week. There are two required evening observation sessions during the semester.

COREQ: MATH 141 OR WAIVER

#1393 Section 01 [units: 5] Gen Ed Laboratory (GL) NOTE: This is a web based course. An additional fee of \$250 will be required.

06/19-07/29	Arranged	Arranged	WEB BASED	Juliana Constantinescu	
-------------	----------	----------	-----------	------------------------	--

06/19-07/29	Arranged	Arranged	WEB BASED	Juliana Constantinescu	
-------------	----------	----------	-----------	------------------------	--

Physics

PHYSICS 140 PRINCIPLES OF PHYSICS I (GL) ... An algebra-based course in classical mechanics at the introductory level. The content covers kinematics, Newton's laws, conservation laws, oscillations and waves, applications to fluids and elasticity, and thermodynamics and kinetic theory. Applications to the life and health sciences are emphasized, and essential MCAT subject matter is included. Basic understanding of trigonometry and the manipulation of vectors is necessary. Students with adequate mathematical preparation may wish to consider taking the PHYSICS 180 series. Four one-hour lectures and one three-hour laboratory per week.

COREQ: MATH 152

#1394 Section 01 [units: 5] Gen Ed Laboratory (GL)

06/19-08/19	R	09:00 AM - 12:00 PM	UH0050	Ozgur Yavuzcetin	
-------------	---	---------------------	--------	------------------	--

06/19-08/19	MTW	09:00 AM - 11:00 AM	UH0141	Jalal Nawash	
-------------	-----	---------------------	--------	--------------	--

PHYSICS 141 PRINCIPLES OF PHYSICS II (GL) ... An algebra-based course in electricity and magnetism, circuits, electromagnetic waves, optics and an introduction to modern physics. Applications to the life and health sciences are emphasized, and essential MCAT subject matter is included. Basic understanding of trigonometry and the manipulation of vectors is necessary. Students with adequate mathematical preparation may wish to consider taking the PHYSICS 180 series. Four One-hour lectures and one three-hour laboratory per week.

PREREQ: PHYSICS 140

#1390 Section 01 [units: 5] Gen Ed Laboratory (GL)

06/19-08/19	R	12:00 PM - 03:00 PM	UH0058	Ozgur Yavuzcetin	
-------------	---	---------------------	--------	------------------	--

06/19-08/19	MTW	12:00 PM - 02:00 PM	UH0141	Jalal Nawash	
-------------	-----	---------------------	--------	--------------	--