

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

#1935	Section 01	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	M	01:00 PM - 02:50 PM	UH0364	Linda Eshelman			
	09/06-12/22	MW	09:30 AM - 10:45 AM	UH0145	Daryle Waechter-Brulla			
#1936	Section 02	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	09:00 AM - 10:50 AM	UH0364	Linda Eshelman			
	09/06-12/22	MW	09:30 AM - 10:45 AM	UH0145	Daryle Waechter-Brulla			
#1937	Section 03	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	01:00 PM - 02:50 PM	UH0364	Kristen Curran			
	09/06-12/22	MW	09:30 AM - 10:45 AM	UH0145	Daryle Waechter-Brulla			
#1967	Section 04P	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	01:00 PM - 02:50 PM	UH0364	Bruce Eshelman	PATHWAYS		
	09/06-12/22	MW	02:00 PM - 03:15 PM	UH0145	George Clokey			
#1968	Section 05	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	11:00 AM - 12:50 PM	UH0364	Stephen Solheim			
	09/06-12/22	MW	02:00 PM - 03:15 PM	UH0145	George Clokey			
#4694	Section 06	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	11:00 AM - 12:50 PM	UH0364	Bruce Eshelman			
	09/06-12/22	MW	02:00 PM - 03:15 PM	UH0145	George Clokey			
#1969	Section 06P	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	11:00 AM - 12:50 PM	UH0364	Bruce Eshelman			
	09/06-12/22	MW	02:00 PM - 03:15 PM	UH0145	George Clokey			
#1970	Section 07	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	M	10:00 AM - 11:50 AM	UH0364	Nathaly Cormier			
	09/06-12/22	MWF	08:00 AM - 08:50 AM	UH0145	George Clokey			
#1972	Section 08	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	03:00 PM - 04:50 PM	UH0364	Daryle Waechter-Brulla			
	09/06-12/22	MWF	08:00 AM - 08:50 AM	UH0145	George Clokey			
#1973	Section 09	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	R	01:00 PM - 02:50 PM	UH0364	Stephen Solheim			
	09/06-12/22	MWF	08:00 AM - 08:50 AM	UH0145	George Clokey			
#1974	Section 10	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	11:00 AM - 12:50 PM	UH0356	Daryle Waechter-Brulla			
	09/06-12/22	MWF	11:00 AM - 11:50 AM	UH0145	Brian O'Neill			
#1992	Section 11	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	T	01:00 PM - 02:50 PM	UH0356	Elisabeth Harrahy			
	09/06-12/22	MWF	11:00 AM - 11:50 AM	UH0145	Brian O'Neill			
#1975	Section 12	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	01:00 PM - 02:50 PM	UH0356	Elisabeth Harrahy			
	09/06-12/22	MWF	11:00 AM - 11:50 AM	UH0145	Brian O'Neill			
#1976	Section 13	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	F	09:00 AM - 10:50 AM	UH0356	George Clokey			
	09/06-12/22	Arranged	Arranged	WEB BASED	Andrea Romero			
#1977	Section 14	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	11:00 AM - 12:50 PM	UH0356	George Clokey			
	09/06-12/22	Arranged	Arranged	WEB BASED	Andrea Romero			
#1979	Section 15	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	W	03:00 PM - 04:50 PM	UH0356	Nathaly Cormier			
	09/06-12/22	Arranged	Arranged	WEB BASED	Andrea Romero			
#1980	Section 16	[units: 4]	Gen Ed Laboratory (GL)					
	09/06-12/22	R	10:00 AM - 11:50 AM	UH0356	Stephen Levas			
	09/06-12/22	Arranged	Arranged	WEB BASED	Andrea Romero			

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

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.

#2084 Section 01 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 W 02:00 PM - 03:00 PM UH0312 Daryle Waechter-Brulla

09/06-12/22 W 03:00 PM - 04:50 PM UH0312 Daryle Waechter-Brulla

09/06-12/22 TR 09:30 AM - 10:45 AM UH0140 Daryle Waechter-Brulla

#2091 Section 02 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 W 09:00 AM - 10:00 AM UH0312 Andrea Romero

09/06-12/22 W 10:00 AM - 11:50 AM UH0312 Andrea Romero

09/06-12/22 TR 09:30 AM - 10:45 AM UH0140 Daryle Waechter-Brulla

#1942 Section 03 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 R 02:00 PM - 03:00 PM UH0312 Linda Eshelman

09/06-12/22 R 03:00 PM - 04:50 PM UH0312 Linda Eshelman

09/06-12/22 MW 03:30 PM - 04:45 PM UH0142 Robert Kuzoff

#1940 Section 03X [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 R 02:00 PM - 03:00 PM UH0312 Linda Eshelman

09/06-12/22 R 03:00 PM - 04:50 PM UH0312 Linda Eshelman

09/06-12/22 MW 03:30 PM - 04:45 PM UH0142 Robert Kuzoff

#1943 Section 04 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 R 09:00 AM - 10:00 AM UH0312 Linda Eshelman

09/06-12/22 R 10:00 AM - 11:50 AM UH0312 Linda Eshelman

09/06-12/22 MW 03:30 PM - 04:45 PM UH0142 Robert Kuzoff

#1960 Section 05 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 F 09:00 AM - 10:00 AM UH0312 Nathaly Cormier

09/06-12/22 F 10:00 AM - 11:50 AM UH0312 Nathaly Cormier

09/06-12/22 MW 02:00 PM - 03:15 PM UH0140 Nadine Kriska

#1984 Section 06 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 T 09:00 AM - 10:00 AM UH0312 Brian O'Neill

09/06-12/22 T 10:00 AM - 11:50 AM UH0312 Brian O'Neill

09/06-12/22 MW 02:00 PM - 03:15 PM UH0140 Nadine Kriska

#2011 Section 07 [units: 5] Gen Ed Laboratory (GL)

PREREQ: RESTRICTED TO BIOLOGY MAJOR, MINOR, CHEM MAJOR, INTEGRATED SCIENCE-BUSINESS MAJOR, OR ENVIRONMENTAL SCIENCE MAJOR

09/06-12/22 M 09:00 AM - 10:00 AM UH0312 Kristen Curran

09/06-12/22 M 10:00 AM - 11:50 AM UH0312 Kristen Curran

09/06-12/22 MW 02:00 PM - 03:15 PM UH0140 Nadine Kriska

BIOLOGY 142 INTRODUCTORY BIOLOGY II (GL) ... An introduction to biology emphasizing evolution, animal physiology, ecology, fungal, plant and animal diversity. Dissections are required. Three hours of lecture, 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: BIOLOGY 141 AND MATH 141 BOTH WITH A GRADE OF C OR BETTER

#1945 Section 01 [units: 5] Gen Ed Laboratory (GL)

09/06-12/22 W 09:00 AM - 10:00 AM UH0306 Joshua Kapfer

09/06-12/22 W 10:00 AM - 11:50 AM UH0306 Joshua Kapfer

09/06-12/22 MF 09:30 AM - 10:45 AM UH0140 Joshua Kapfer

#1982 Section 02 [units: 5] Gen Ed Laboratory (GL)

09/06-12/22 T 02:00 PM - 03:00 PM UH0306 Linda Eshelman

09/06-12/22 T 03:00 PM - 04:50 PM UH0306 Linda Eshelman

09/06-12/22 MF 09:30 AM - 10:45 AM UH0140 Joshua Kapfer

#1983 Section 03 [units: 5] Gen Ed Laboratory (GL)

09/06-12/22 R 09:00 AM - 10:00 AM UH0306 Nadine Kriska

09/06-12/22 R 10:00 AM - 11:50 AM UH0306 Nadine Kriska

09/06-12/22 MF 09:30 AM - 10:45 AM UH0140 Joshua Kapfer

<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>
#2014 Section 04 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	T	09:00 AM - 10:00 AM	UH0306	Stephen Levas	
09/06-12/22	T	10:00 AM - 11:50 AM	UH0306	Stephen Levas	
09/06-12/22	TR	03:30 PM - 04:45 PM	UH0142	Kerry Katovich	
#2007 Section 05 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	02:00 PM - 03:00 PM	UH0306	Linda Eshelman	
09/06-12/22	W	03:00 PM - 04:50 PM	UH0306	Linda Eshelman	
09/06-12/22	TR	03:30 PM - 04:45 PM	UH0142	Kerry Katovich	
#2072 Section 06 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	M	02:00 PM - 03:00 PM	UH0306	Kerry Katovich	
09/06-12/22	M	03:00 PM - 04:50 PM	UH0306	Kerry Katovich	
09/06-12/22	TR	03:30 PM - 04:45 PM	UH0142	Kerry Katovich	

CHEMISTRY

Chemistry

CHEM 100 CHEMISTRY FOR THE CONSUMER (GL) ... A critical examination of those chemical products which have a significant impact upon the daily life of the consumer. Attention will be focused from the consumer viewpoint upon food additives, prescription and non-prescription drugs, fuels, pesticides, detergents, synthetic fibers and plastics. Meets General Studies laboratory science requirements.

COREQ: MATH 141 OR MATH 140 OR WAIVER

#1808 Section 01 [units: 4]	Gen Ed Laboratory (GL)				
09/06-12/22	M	09:00 AM - 10:40 AM	UH0262	John Ejnik	
09/06-12/22	TR	02:00 PM - 03:15 PM	UH0145	Jessica Bonjour	
#1809 Section 02 [units: 4]	Gen Ed Laboratory (GL)				
09/06-12/22	M	12:00 PM - 01:40 PM	UH0262	Jessica Bonjour	
09/06-12/22	TR	02:00 PM - 03:15 PM	UH0145	Jessica Bonjour	
#1810 Section 03 [units: 4]	Gen Ed Laboratory (GL)				
09/06-12/22	M	02:00 PM - 03:40 PM	UH0262	Kimberly Naber	
09/06-12/22	TR	02:00 PM - 03:15 PM	UH0145	Jessica Bonjour	
#1811 Section 04 [units: 4]	Gen Ed Laboratory (GL)				
09/06-12/22	T	09:00 AM - 10:40 AM	UH0262	Jessica Bonjour	
09/06-12/22	TR	02:00 PM - 03:15 PM	UH0145	Jessica Bonjour	
#1880 Section 05 [units: 4]	Gen Ed Laboratory (GL)				
09/06-12/22	T	12:00 PM - 01:40 PM	UH0262	Jessica Bonjour	
09/06-12/22	TR	02:00 PM - 03:15 PM	UH0145	Jessica Bonjour	

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.

#1813 Section 01 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	M	08:00 AM - 10:45 AM	UH0242	Christopher Veldkamp	
09/06-12/22	MTWR	11:00 AM - 11:50 AM	UH0140	Steven Girard	
#1879 Section 02 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	M	02:00 PM - 04:45 PM	UH0242	Christopher Veldkamp	
09/06-12/22	MTWR	11:00 AM - 11:50 AM	UH0140	Steven Girard	
#1877 Section 03 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	T	08:00 AM - 10:45 AM	UH0242	John Ejnik	
09/06-12/22	MTWR	11:00 AM - 11:50 AM	UH0140	Steven Girard	
#1836 Section 04 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	T	02:00 PM - 04:45 PM	UH0242	Steven Girard	
09/06-12/22	MTWR	11:00 AM - 11:50 AM	UH0140	Steven Girard	
#1815 Section 05 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	T	05:00 PM - 07:45 PM	UH0242	Marsha Goodell	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1841 Section 06 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	08:00 AM - 10:45 AM	UH0242	Catherine Chan	
09/06-12/22	MTWR	11:00 AM - 11:50 AM	UH0140	Steven Girard	
#1834 Section 07 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	02:00 PM - 04:45 PM	UH0242	Jessica Bonjour	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1839 Section 08 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	05:00 PM - 07:45 PM	UH0242	Hassimi Traore	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	

Class# Section (Units) General Education Designation (if any)

<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 09X [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	R	08:00 AM - 10:45 AM	UH0242	Kimberly Naber	LEARNING COMMUNITY
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1843 Section 10 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	R	02:00 PM - 04:45 PM	UH0242	Hassimi Traore	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1844 Section 11 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	R	05:00 PM - 07:45 PM	UH0244	Christopher Veldkamp	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1846 Section 12 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	F	11:00 AM - 01:45 PM	UH0244	Kimberly Naber	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0145	Kimberly Naber	
#1884 Section 17 [units: 5]	Gen Ed Laboratory (GL)	NOTE: Restricted to students in the Stoughton High School PIE cohort.			
09/06-12/22	Arranged	Arranged		Eric Benedict	PIE PROGRAM
09/06-12/22	Arranged	Arranged		Kimberly Naber	PIE PROGRAM
09/06-12/22	Arranged	Arranged		Catherine Chan	PIE PROGRAM
#4756 Section 19 [units: 5]	Gen Ed Laboratory (GL)	NOTE: Restricted to students in the Stoughton PIE Program.			
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Eric Benedict	PIE PROGRAM
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Kimberly Naber	PIE PROGRAM
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Catherine Chan	PIE PROGRAM

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

#1817 Section 01 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	T	02:00 PM - 04:45 PM	UH0244	Hassimi Traore	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0140	Hassimi Traore	
#1818 Section 02 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	08:00 AM - 10:45 AM	UH0244	Baocheng Han	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0140	Hassimi Traore	
#1819 Section 03 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	W	02:00 PM - 04:45 PM	UH0244	Steven Anderson	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0140	Hassimi Traore	
#1831 Section 04 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	R	08:00 AM - 10:45 AM	UH0244	Baocheng Han	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0140	Hassimi Traore	
#1835 Section 05 [units: 5]	Gen Ed Laboratory (GL)				
09/06-12/22	R	02:00 PM - 04:45 PM	UH0244	Christopher Veldkamp	
09/06-12/22	MTWR	12:00 PM - 12:50 PM	UH0140	Hassimi Traore	
#1848 Section 06 [units: 5]	Gen Ed Laboratory (GL)	NOTE: This section is restricted to students with Lab Contracts.			Dept. Consent
09/06-12/22	Arranged	Arranged		Hassimi Traore	LAB CONTRACTS ONLY
09/06-12/22	MTWR	12:00 PM - 12:50 PM	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

#1733 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.

09/06-12/22 Arranged Arranged WEB BASED John Frye

#1769 Section 01W [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.

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

09/06-12/22 Arranged Arranged WEB BASED John Frye

#1742 Section 02 [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.

09/06-12/22 Arranged Arranged WEB BASED Jean Kowal

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

#1737	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	M		09:00 AM - 10:40 AM	UH0160	John Frye	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	John Frye	
#1739	Section 02	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	T		09:00 AM - 10:40 AM	UH0160	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	John Frye	
#1740	Section 03	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	W		09:00 AM - 10:40 AM	UH0160	John Frye	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	John Frye	
#1741	Section 04	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	R		09:00 AM - 10:40 AM	UH0160	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	John Frye	
#4570	Section 05	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	F		09:00 AM - 10:40 AM	UH0160	John Frye	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	Peter Jacobs	
09/06-12/22	MTWR		01:00 PM - 01:50 PM	UH0145	John Frye	

Geology

GEOLOGY 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

#1642	Section 01	[units: 5]	Gen Ed Laboratory (GL)	NOTE: This is a hybrid course which meets both online and in the classroom.		
09/06-12/22	M		11:00 AM - 12:30 PM	UH0060	Prajukti Bhattacharyya	
09/06-12/22	TR		02:00 PM - 03:15 PM	UH0143	Prajukti Bhattacharyya	
#1646	Section 02	[units: 5]	Gen Ed Laboratory (GL)	NOTE: This is a hybrid course which meets both online and in the classroom.		
09/06-12/22	T		11:00 AM - 12:30 PM	UH0060	Prajukti Bhattacharyya	
09/06-12/22	TR		02:00 PM - 03:15 PM	UH0143	Prajukti Bhattacharyya	
#1651	Section 03	[units: 5]	Gen Ed Laboratory (GL)	NOTE: This is a hybrid course which meets both online and in the classroom.		
09/06-12/22	W		11:00 AM - 12:30 PM	UH0060	Prajukti Bhattacharyya	
09/06-12/22	TR		02:00 PM - 03:15 PM	UH0143	Prajukti Bhattacharyya	

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

#4304	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	R		09:00 AM - 10:50 AM	UH0050	Juliana Constantinescu	
09/06-12/22	MTWR		02:00 PM - 02:50 PM	UH0141	Juliana Constantinescu	
#4307	Section 02	[units: 5]	Gen Ed Laboratory (GL)			
09/06-12/22	R		04:00 PM - 05:50 PM	UH0050	Juliana Constantinescu	
09/06-12/22	MTWR		02:00 PM - 02:50 PM	UH0141	Juliana Constantinescu	

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

Physics

PHYSICS 130 PHYSICS FOUNDATIONS (GL) ... This course will explore topics in classical physics (motion, heat, sound, electricity, magnetism, and light) and modern physics (atomic structure, quantum mechanics, and relativity) with an emphasis on how the principles explain and predict phenomena we observe every day. Four one-hour lectures and one two-hour laboratory per week.

COREQ: MATH 141 OR CONSENT OF INSTRUCTOR

#4330	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	W	10:00 AM - 11:50 AM	UH0058	Martin Tchernookov	
	09/06-12/22	MW	08:00 AM - 09:15 AM	UH0141	Martin Tchernookov	
	09/06-12/22	T	08:00 AM - 08:50 AM	UH0141	To Be Arranged	
#4331	Section 02	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	W	01:00 PM - 02:50 PM	UH0058	Martin Tchernookov	
	09/06-12/22	MW	08:00 AM - 09:15 AM	UH0141	Martin Tchernookov	
	09/06-12/22	T	08:00 AM - 08:50 AM	UH0141	To Be Arranged	
#4332	Section 03	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	R	10:00 AM - 11:50 AM	UH0058	Steven Sahyun	
	09/06-12/22	MW	08:00 AM - 09:15 AM	UH0141	Martin Tchernookov	
	09/06-12/22	T	08:00 AM - 08:50 AM	UH0141	To Be Arranged	

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

#4294	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	T	09:00 AM - 09:50 AM	UH0050	Jalal Nawash	
	09/06-12/22	T	10:00 AM - 11:50 AM	UH0050	Jalal Nawash	
	09/06-12/22	MW	11:00 AM - 12:15 PM	UH0141	Jalal Nawash	
#4295	Section 02	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	M	01:00 PM - 01:50 PM	UH0050	Jalal Nawash	
	09/06-12/22	M	02:00 PM - 03:50 PM	UH0050	Jalal Nawash	
	09/06-12/22	MW	11:00 AM - 12:15 PM	UH0141	Jalal Nawash	
#4296	Section 03	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	T	01:00 PM - 01:50 PM	UH0050	Jalal Nawash	
	09/06-12/22	T	02:00 PM - 03:50 PM	UH0050	Jalal Nawash	
	09/06-12/22	MW	11:00 AM - 12:15 PM	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

#4339	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	W	09:00 AM - 09:50 AM	UH0050	Abdelkrim Boukahil	
	09/06-12/22	W	10:00 AM - 11:50 AM	UH0050	Abdelkrim Boukahil	
	09/06-12/22	TR	11:00 AM - 12:15 PM	UH0141	Abdelkrim Boukahil	

PHYSICS 180 PHYSICS FOR SCIENTISTS AND ENGINEERS I (GL) ... A lecture course in introductory physics including a mathematically rigorous analysis of mechanics, vibrations, wave motion, and thermodynamics using calculus. For majors and minors in physics, engineering, chemistry, mathematics. Four one-hour lectures and one three-hour lab per week. High school calculus recommended.

COREQ: MATH 253

#4341	Section 01	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	T	09:00 AM - 10:50 AM	UH0058	Robert Benjamin	
	09/06-12/22	MWF	01:00 PM - 01:50 PM	UH0141	Robert Benjamin	
	09/06-12/22	F	02:00 PM - 02:50 PM	UH0141	Robert Benjamin	
#4342	Section 02	[units: 5]	Gen Ed Laboratory (GL)			
	09/06-12/22	T	12:00 PM - 01:50 PM	UH0058	Robert Benjamin	
	09/06-12/22	MWF	01:00 PM - 01:50 PM	UH0141	Robert Benjamin	
	09/06-12/22	F	02:00 PM - 02:50 PM	UH0141	Robert Benjamin	

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

PHYSCS 212 PHYSICS FOR ELEMENTARY TEACHERS (GL) ... This course is a one-semester introduction to physics with curriculum and instruction designed as an activity-based hands-on course for K-8 elementary education students and open to all education majors. The course emphasizes a student-oriented pedagogy in order to develop various physics concepts and the nature of science. Topics covered include motion, forces, energy, light, heat, electricity, and magnetism.

PREREQ: MATH 141 AND RESTRICTED TO STUDENTS WITH BSE PROGRAM

#4333 Section 01 [units: 4] Gen Ed Laboratory (GL)

09/06-12/22 MWF 10:00 AM - 11:45 AM UH0166 Steven Sahyun