

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

## Section V - College of Letters and Sciences

### BIOLOGICAL SCIENCES

#### Biological Sciences

**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.**

#2435 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to BSE majors only.

PREREQ: RESTRICTED TO STUDENTS WITH BSE CURRICULUM

09/07-12/23 TR 08:00 AM - 09:15 AM UH0140 George V Clokey

#2490 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/07-12/23 MWF 01:00 PM - 01:50 PM UH0142 Stephen L Solheim

#2503 Section 04 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/07-12/23 TR 03:30 PM - 04:45 PM UH0140 George V Clokey

### COMPUTER SCIENCE

#### Computer Science

**COMPSCI 162 COMPUTER APPLICATIONS (GM) ... A thorough introduction to using computers covering word processing, spreadsheets, data storage and retrieval, computer graphics and applications, uses of computers, e-mail and the Internet, hardware, history, and problems arising from the use of computers.**

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

#2092 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 M 08:00 AM - 09:15 AM MG0115 Jiehui Ma

09/07-12/23 W Arranged WEB BASED Jiehui Ma

#2093 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 T 03:30 PM - 04:45 PM HY0210 Jiehui Ma

09/07-12/23 R Arranged WEB BASED Jiehui Ma

#2099 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 R 03:30 PM - 04:45 PM HY0210 Jiehui Ma

09/07-12/23 T Arranged WEB BASED Jiehui Ma

#2142 Section 04 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/07-12/23 W 06:30 PM - 09:00 PM HH3202 Tina Y Cao

#2101 Section 05 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 T 08:00 AM - 09:15 AM HY0210 Tina Y Cao

09/07-12/23 R Arranged WEB BASED Tina Y Cao

#2102 Section 06 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/07-12/23 T 06:30 PM - 09:00 PM HH3202 Tina Y Cao

#2103 Section 07 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web-based class. Required additional course fee is \$150.00. This class uses Office 2013; students will need to have access to this software to successfully complete this class.

09/07-12/23 Arranged Arranged WEB BASED Lopamudra Mukherjee

#4733 Section 08 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to students in the Darlington High School PIE cohort.

09/07-12/23 Arranged Arranged OFF CAMPUS Mello Dee Burmeister PIE PROGRAM

09/07-12/23 Arranged Arranged OFF CAMPUS Robert L Horton PIE PROGRAM

**COMPSCI 170 INTRODUCTION TO PYTHON PROGRAMMING (GM) ... An introduction to computational thinking and computer programming using the Python language, with applications in science, business, education, and other areas. Students will develop structured programs based on simple algorithms that involve input, output, mathematical operations, decisions, and loops. No previous programming experience is needed.**

**PREREQ: MATH 141 OR WAIVER OF MATH 141**

#2144 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 R 09:30 AM - 10:45 AM HY0210 Robert K Kuzoff

09/07-12/23 T Arranged WEB BASED Robert K Kuzoff

**COMPSCI 171 INTRODUCTION TO PROGRAMMING (GM) ... An introduction to computer programming and its applications to science, business and education. Opportunity for extensive experience in designing and writing structured programs in the Visual Basic language.**

**PREREQ: MATH 141 OR WAIVER OF MATH 141**

#2094 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/07-12/23 MW 03:30 PM - 04:45 PM HY0210 Jiehui Ma

#2140 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/07-12/23 T 09:30 AM - 10:45 AM HY0210 Lopamudra Mukherjee

09/07-12/23 R Arranged WEB BASED Lopamudra Mukherjee

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

**COMPSCI 172 INTRODUCTION TO JAVA (GM) ...** This course will give students the essentials of object-oriented programming in Java. Students will learn to formulate algorithms, to solve problems and to implement those solutions with a Java program that employs objects and classes. The student will be introduced to object-oriented design, applications and applets, class construction, methods and message passing arrays, string processing, file processing, and some event-handling and Graphical User Interface programming. This course is designed for students with some prior programming experience.

**PREREQ: MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 143 WITH A GRADE OF C OR BETTER, OR CALCULUS PLACEMENT, OR CONSENT OF INSTRUCTOR**

#2096 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 03:30 PM - 04:45 PM MG0115 Cheng Thao

#2108 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 MW 02:00 PM - 03:15 PM HY0210 Jiehui Ma

**COMPSCI 174 INTRODUCTION TO C++ (GM) ...** This course teaches basic programming skills using the structured high-level language C++. Topics include basic input and output, declaration and use of variables, use of control statements, implementation of functions using value and reference parameters, arrays, and structures. Students will write moderately complex applications using C++.

**PREREQ: MATH 152 WITH A GRADE OF C OR BETTER, OR MATH 143 WITH A GRADE OF C OR BETTER, OR CALCULUS PLACEMENT, OR CONSENT OF INSTRUCTOR**

#2104 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 MW 09:30 AM - 10:45 AM MG0115 Jiazhen Zhou

#2109 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 02:00 PM - 03:15 PM HY0210 Sobitha W Samaranyake

**COMPSCI 181 INTRODUCTION TO DATABASE AND THE WEB (GM) ...** This course provides the student with a comprehensive working knowledge of a modern database package including the creation of a database, construction of a wide range of queries, use of forms, and report writing features. The course also gives an introduction to the creation of World Wide Web pages using the Extended Hypertext Markup Language (XHTML).

**PREREQ: MATH 141 OR WAIVER OF MATH 141**

#2098 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 12:30 PM - 01:45 PM MG0117 Robert P Siemann

## 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**

#2005 Section 01 [units: 4] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 W 12:30 PM - 01:30 PM UH0160 Stephen J Levas  
09/07-12/23 TR 12:30 PM - 01:45 PM HH2101 Stephen J Levas

#4568 Section 02 [units: 4] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 M 12:30 PM - 01:30 PM UH0160 Stephen J Levas  
09/07-12/23 TR 12:30 PM - 01:45 PM HH2101 Stephen J Levas

### Geology

**GEOLOGY 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**

#1946 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) 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.  
09/07-12/23 Arranged Arranged WEB BASED Rex A Hanger

**GEOLOGY 300 PRINCIPLES OF OCEANOGRAPHY (GM) ...** A study of the physical, chemical, geological and biological aspects of the major water masses of the world and human dependency on these water masses. One field trip to observe shoreline processes is required. A special fee will be assessed to students electing to participate in an optional field trip to cover the transportation costs.

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

#1949 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 11:00 AM - 12:15 PM UH0143 Anna M Bishop Courtier

**GEOLOGY 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 environment. 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.

#1957 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 11:00 AM - 12:15 PM UH0060 Juk Bhattacharyya

#1963 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)  
09/07-12/23 TR 03:30 PM - 04:45 PM UH0060 Juk Bhattacharyya

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

**MATHEMATICS****Mathematics**

**MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES (GM) ... Mathematical preparation for the understanding of various quantitative methods in modern management and social sciences. Topics included are sets, relations, linear functions, interest, annuities, matrix theory, the solution of linear systems by the graphical, algebraic, Gauss-Jordan, and inverse methods, linear programming by graphical and simplex methods, counting and probability, and decision theory. College of Business and Economics majors must take this course on a conventional grade basis.**

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

#1763	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	08:00 AM - 09:15 AM	HE0117	Ram C Neupane		
#1764	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	08:00 AM - 09:15 AM	HE0117	To Be Arranged		
#1765	Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	09:30 AM - 10:45 AM	HE0117	Leon M Arriola		
	09/22	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ 1	
	09/29	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ 2	
	10/06	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ 3	
	10/13	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM 1	
	10/27	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ 4	
	11/10	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM 2	
	11/22	T	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	QUIZ 5	
	12/08	R	09:30 AM - 10:45 AM	HE0100	Leon M Arriola	EXAM 3	
#1766	Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	09:30 AM - 10:45 AM	HE0117	William T Mickelson		
#1767	Section 05	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	09:30 AM - 10:45 AM	HE0113	Sobitha W Samaranyake		
#1768	Section 06	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	11:00 AM - 12:15 PM	HE0219	Leon M Arriola		
	09/21	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	QUIZ 1	
	09/28	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	QUIZ 2	
	10/05	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	QUIZ 3	
	10/12	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	EXAM 1	
	10/26	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	QUIZ 4	
	11/09	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	EXAM 2	
	11/23	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	QUIZ 5	
	12/07	W	11:00 AM - 12:15 PM	WH1001	Leon M Arriola	EXAM 3	
#1769	Section 07	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	11:00 AM - 12:15 PM	MG0125	Robert P Siemann		
#1770	Section 08	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	11:00 AM - 12:15 PM	HE0212	Khyam N Paneru		
#1771	Section 09	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	11:00 AM - 12:15 PM	MG0125	Balamurugan Pandiyan		
#1772	Section 10	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	12:30 PM - 01:45 PM	HE0219	Leon M Arriola		
#1773	Section 11	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	12:30 PM - 01:45 PM	HE0117	Khyam N Paneru		
#1824	Section 12	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	11:00 AM - 12:15 PM	HE0117	Tamas Szabo		
#1774	Section 13	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MWF	01:00 PM - 01:50 PM	UH0144	Ki-Bong Nam		
#1775	Section 14	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	03:30 PM - 04:45 PM	UH0144	Khyam N Paneru		
#1776	Section 15	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	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 \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.						
	09/07-12/23	Arranged	Arranged	WEB BASED	Tamas Szabo		
#4093	Section 15W	[units: 3]	Gen Ed Math/Natural Sciences (GM)				Dept. Consent
	NOTE: This course is restricted to students in online majors only. 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 \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.						
	PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR						
	09/07-12/23	Arranged	Arranged	WEB BASED	Tamas Szabo		

<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>
#4735 Section 16	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Restricted to students in the Janesville Craig High School PIE cohort.		
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Erica Jensen	PIE PROGRAM
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Angela Kopf Harlan	PIE PROGRAM
#4736 Section 17	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Restricted to students in the Janesville Parker High School PIE cohort.		
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Daniel Bouska	PIE PROGRAM
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Angela Kopf Harlan	PIE PROGRAM
#4737 Section 18	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Restricted to students in the Portage High School PIE cohort.		
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Ryan Hansen	PIE PROGRAM
09/07-12/23	Arranged	Arranged	OFF CAMPUS	Tamas Szabo	PIE PROGRAM

**MATH 148 MATHEMATICS FOR THE ELEMENTARY TEACHER I (GM) ... A study of sets, whole numbers, fractions, integers, decimals and real numbers, basic arithmetic operations and their properties, standard and alternative algorithms and estimations strategies; problem-solving, proportional reasoning and algebraic thinking. Manipulatives and cooperative learning activities are used throughout the course. For elementary education majors.**

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

#1743 Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/07-12/23	TR	09:30 AM - 10:45 AM	HY0216	Angela Kopf Harlan	
#1744 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/07-12/23	MW	11:00 AM - 12:15 PM	HY0216	Angela Kopf Harlan	
#1745 Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit. Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.		
09/07-12/23	W	05:00 PM - 07:30 PM	HY0216	Teri J Alder	
#4682 Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/07-12/23	TR	11:00 AM - 12:15 PM	HY0216	Angela Kopf Harlan	

**MATH 152 ELEMENTARY FUNCTIONS (GM) ... Review of algebraic functions, inequalities, mathematical induction, theory of equations, exponential and logarithmic functions, circular functions, trigonometric identities and equations, inverse trigonometric functions, solution of triangles.**

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

#1816 Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/07-12/23	MTWRF	09:00 AM - 09:50 AM	HH1310	Julie A Letellier	
#1779 Section 02	[units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/07-12/23	MTWRF	10:00 AM - 10:50 AM	HH1310	Julie A Letellier	
#1780 Section 03	[units: 5]	Gen Ed Math/Natural Sciences (GM)	NOTE: Students are required to purchase an access code for an online homework system which will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.		
09/07-12/23	MTWRF	11:00 AM - 11:50 AM	HH1310	Pawel Felcyn	
#1804 Section 04	[units: 5]	Gen Ed Math/Natural Sciences (GM)	NOTE: Students are required to purchase an access code for an online homework system which will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.		
09/07-12/23	MW	02:00 PM - 02:50 PM	HH1310	Mohammad H Ahmadi	
09/07-12/23	TR	02:00 PM - 03:15 PM	HH1310	Mohammad H Ahmadi	
10/13	R	02:00 PM - 03:15 PM	HE0100	Mohammad H Ahmadi	MIDTERM I
11/17	R	02:00 PM - 03:15 PM	HE0100	Mohammad H Ahmadi	MIDTERM II
#1818 Section 05	[units: 5]	Gen Ed Math/Natural Sciences (GM)	NOTE: Students are required to purchase an access code for an online homework system which will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.		
09/07-12/23	MW	03:30 PM - 04:20 PM	HH1310	Mohammad H Ahmadi	
09/07-12/23	TR	03:30 PM - 04:45 PM	HH1310	Mohammad H Ahmadi	
10/13	R	03:30 PM - 04:15 PM	HE0100	Mohammad H Ahmadi	MIDTERM I
11/07-11/17	R	03:30 PM - 04:15 PM	HE0100	Mohammad H Ahmadi	MIDTERM II

**MATH 230 INTRODUCTION TO STATISTICAL REASONING AND ANALYSIS (GM) ... A course on the principles, procedures and concepts surrounding the production, summarization and analysis of data. Emphasis on critical reasoning and interpretation of statistical results. Content includes: probability, sampling, and research design; statistical inference, modeling and computing; practical application culminating in a research project. Unreq: ECON 245, PSYCH 215, SOCIOLOGY 295**

**PREREQ: GRADE OF C OR BETTER IN MATH 141 OR CONSENT OF INSTRUCTOR**

#1847 Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/07-12/23	MW	12:30 PM - 01:45 PM	HE0219	William T Mickelson	
#1892 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)	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 \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.		
09/07-12/23	Arranged	Arranged	WEB BASED	William T Mickelson	
#4518 Section 02W	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: This course is restricted to students in online majors only. 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 \$150 will be assessed for this class. Exams are to be taken in a proctored environment. Students who cannot come to campus are responsible to find a proctor and obtain the instructor's approval.		
09/07-12/23	Arranged	Arranged	WEB BASED	William T Mickelson	

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
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**MATH 243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES (GM) ... A general survey of the calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, and integration. Business and social science applications are stressed.**

**PREREQ: MATH 143 OR MATH 152 WITH A GRADE OF C OR BETTER**

#1782	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MWF	08:00 AM - 08:50 AM	MG0125	Ki-Bong Nam		
#1783	Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MWF	09:00 AM - 09:50 AM	MG0125	Ki-Bong Nam		
#1784	Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	09:30 AM - 10:45 AM	MG0125	Robert P Siemann		
#1785	Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	02:00 PM - 03:15 PM	MG0125	Robert P Siemann		
#1819	Section 05	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	05:00 PM - 06:15 PM	UH0144	Suk-Geun Hwang		

**MATH 250 APPLIED CALCULUS SURVEY FOR BUSINESS AND SOCIAL SCIENCES (GM) ... An applied calculus course covering elementary analytic geometry, limits, differentiation, max-min theory, exponential and logarithmic functions, integration, functions of several variables, and elementary differential equations. Some computer topics may be included. A student may earn credit for only one of MATH 243, MATH 250, and MATH 253.**

**PREREQ: MATH 143 WITH A C OR BETTER OR MATH 152 WITH A C OR BETTER**

#1786	Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	MW	11:00 AM - 11:50 AM	HE0100	Thomas L McFarland		
	09/07-12/23	TR	11:00 AM - 12:15 PM	HE0100	Thomas L McFarland		

**MATH 253 CALCULUS AND ANALYTIC GEOMETRY I (GM) ... Review of algebraic and trigonometric functions, transcendental functions, limits, study of the derivative, techniques of differentiation, continuity, applications of the derivative, L' Hopital's Rule and indeterminate forms, the Riemann integral, Fundamental Theorem of Calculus, and substitution rule.**

**PREREQ: MATH 152 WITH A GRADE OF C OR BETTER OR EQUIVALENT HIGH SCHOOL PREPARATION AS DETERMINED BY THE MATHEMATICS DEPARTMENT.**

#1787 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore. This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.

	09/07-12/23	MTWR	09:00 AM - 09:50 AM	HE0112	Geethamali G Samaranayake		
	09/07-12/23	F	Arranged	WEB BASED	Geethamali G Samaranayake		

#1817 Section 02 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.

	09/07-12/23	MTWRF	12:00 PM - 12:50 PM	HH2311	Pawel Felcyn		
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#1821 Section 03 [units: 5] Gen Ed Math/Natural Sciences (GM) NOTE: Students are required to purchase an access code for an online homework system that will provide immediate feedback and additional support. Codes can be purchased from the University Bookstore.

	09/07-12/23	MTWRF	02:00 PM - 02:50 PM	HE0112	Pawel Felcyn		
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#1848 Section 04 [units: 5] Gen Ed Math/Natural Sciences (GM)

	09/07-12/23	MW	03:30 PM - 04:20 PM	HH2311	Xueqing Chen		
	09/07-12/23	TR	03:30 PM - 04:45 PM	HH2311	Xueqing Chen		

## PHYSICS

### Astronomy

**ASTRONY 114 DESCRIPTIVE ASTRONOMY (GM) ... A non-laboratory course that introduces the basic aspects of astronomy, including cultural and historical considerations. The study of galaxies, stars, as well as our solar system is included. Observational activities may be included as integral parts of the course. Three one-hour lectures per week for the regular semester.**

**COREQ: MATH 141 OR WAIVER**

#3829 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) 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 \$150 will be assessed for this class.

	09/07-12/23	Arranged	Arranged	WEB BASED	Juliana T Constantinescu		
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### Physics

**PHYSCS 240 PHYSICS OF SOUND AND MUSIC (GM) ... A descriptive course that deals with various properties of sound, the generation of sound by traditional musical instruments and the electronic production and reproduction of sound. The physical process of hearing and the acoustical properties of rooms are also included. Three one-hour lecture periods per week.**

**COREQ: MATH 140 OR MATH 141**

#3879	Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)				
	09/07-12/23	TR	12:30 PM - 01:45 PM	UH0166	Juliana T Constantinescu		