

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.

#1947 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to BSE majors only.

PREREQ: RESTRICTED TO STUDENTS WITH BSE CURRICULUM

09/06-12/22 TR 08:00 AM - 09:15 AM UH0140 George Clokey

#2002 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/06-12/22 MW 09:30 AM - 10:45 AM UH0236 Stephen Solheim

#2015 Section 04 [units: 3] Gen Ed Math/Natural Sciences (GM)

09/06-12/22 TR 09:30 AM - 10:45 AM UH0144 George 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

#1886 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/06-12/22 M 08:00 AM - 09:15 AM MG0115 Jiehui Ma

09/06-12/22 W Arranged WEB BASED Jiehui Ma

#1887 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/06-12/22 T 09:30 AM - 10:45 AM HY0210 Yuheng Cao

09/06-12/22 R Arranged WEB BASED Yuheng Cao

#1893 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based class. Required additional course fee is \$150.

09/06-12/22 Arranged Arranged WEB BASED Athula Gunawardena

#1923 Section 04 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both on-line and in the classroom.

09/06-12/22 F 09:30 AM - 10:45 AM HY0210 Yuheng Cao

09/06-12/22 T Arranged WEB BASED Yuheng Cao

#1895 Section 05 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This a hybrid course which meets both online and in the classroom.

09/06-12/22 R 08:00 AM - 09:15 AM HY0210 Jiehui Ma

09/06-12/22 T Arranged WEB BASED Jiehui Ma

#1896 Section 06 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based class. Required additional course fee is \$150.00.

09/06-12/22 Arranged Arranged WEB BASED Yuheng Cao

#1897 Section 07 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based class. Required additional course fee is \$150.00.

09/06-12/22 Arranged Arranged WEB BASED Lopamudra Mukherjee

#4760 Section 08 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to students in the Parkview PIE Program.

09/06-12/22 Arranged Arranged OFF CAMPUS Athula Gunawardena PIE PROGRAM

#4761 Section 09 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to students in the Sheboygan North PIE Program.

09/06-12/22 Arranged Arranged OFF CAMPUS Sobitha Samaranyake PIE PROGRAM

#4762 Section 10 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: Restricted to students in the Sheboygan South PIE Program.

09/06-12/22 Arranged Arranged OFF CAMPUS Sobitha Samaranyake 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

#1925 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both online and in the classroom.

09/06-12/22 W 08:00 AM - 09:15 AM MG0115 Jiehui Ma

09/06-12/22 Arranged Arranged WEB BASED Jiehui Ma

#3855 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a web based class. Required additional course fee is \$150.00.

09/06-12/22 Arranged Arranged WEB BASED Robert 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

#1888 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both online and in the classroom.

09/06-12/22 T 08:00 AM - 09:15 AM HY0210 Jiehui Ma

09/06-12/22 Arranged Arranged WEB BASED Jiehui Ma

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

#1890 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 03:30 PM - 04:45 PM MG0115 Jiehui Ma

#1901 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 03:30 PM - 04:45 PM MG0115 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

#1898 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both on-line and in the classroom.

09/06-12/22 M 02:00 PM - 03:15 PM HY0210 Jiazhen Zhou

09/06-12/22 W Arranged WEB BASED Jiazhen Zhou

#1902 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 11:00 AM - 12:15 PM MG0115 Yuheng Cao

COMPSCI 180 DATA SCIENCE FOR EVERYONE (GM) ... An introduction to data science and its implementation using the R language, with applications in natural and social science, public health and welfare, and other areas. Students will explore methods of data analysis and visualization and cultivate marketable data-literacy skills. No prior knowledge of statistics or programming is needed.

PREREQ: MATH 141 OR WAIVER OF MATH 141

#3853 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both online and in the classroom.

09/06-12/22 W 02:00 PM - 03:15 PM HY0210 Robert Kuzoff

09/06-12/22 M Arranged WEB BASED Robert Kuzoff

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

#1892 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 12:30 PM - 01:45 PM MG0117 Robert 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

#1804 Section 01 [units: 4] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 M 01:00 PM - 01:50 PM UH0160 Stephen Levas
09/06-12/22 TR 12:30 PM - 01:45 PM UH0143 Stephen Levas

#1806 Section 02 [units: 4] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 W 01:00 PM - 01:50 PM UH0160 Stephen Levas
09/06-12/22 TR 12:30 PM - 01:45 PM UH0143 Stephen 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

#1645 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MWF 01:00 PM - 01:50 PM UH0140 Rex 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

#1648 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 09:30 AM - 10:45 AM UH0063 Rex Hanger

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

GEOLGY 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.

#1656 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 09:30 AM - 10:45 AM UH0143 Rex Hanger

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.

#1518 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 08:00 AM - 09:15 AM HH1301 Wesley Hough

#1519 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 08:00 AM - 09:15 AM HE0215 Wesley Hough

#1520 Section 03 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 09:30 AM - 10:45 AM MG0125 Khyam Paneru

#1521 Section 04 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 11:00 AM - 12:15 PM MG0125 Robert Siemann

#1522 Section 05 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MWF 12:00 PM - 12:50 PM MG0125 Ki-Bong Nam

#1523 Section 06 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 12:30 PM - 01:45 PM MG0117 Aditi Ghosh

#1524 Section 07 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 12:30 PM - 01:45 PM HE0219 Tamas Szabo

#1525 Section 08 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MWF 01:00 PM - 01:50 PM MG0125 Ki-Bong Nam

#1526 Section 09 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 02:00 PM - 03:15 PM MG0117 William Mickelson

#1527 Section 10 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 09:30 AM - 10:45 AM HY0216 To Be Arranged

#1528 Section 11 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 03:30 PM - 04:45 PM HH2300 Khyam Paneru

#1572 Section 12 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 03:30 PM - 04:45 PM MG0125 Khyam Paneru

#1529 Section 13 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 05:00 PM - 06:15 PM HH1310 Aditi Ghosh

#1530 Section 14 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 W 05:00 PM - 07:30 PM HH1310 To Be Arranged

#1531 Section 15 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required 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 for finding a proctor and obtaining the instructor's approval. Math 143 sections 15 and 15W are combined sections.

09/06-12/22 Arranged Arranged WEB BASED Tamas Szabo

#4426 Section 15W [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This sections is for students who are in online majors only. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required 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 for finding a proctor and obtaining the instructor's approval. Math 143 sections 15 and 15W are combined sections.

PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR

09/06-12/22 Arranged Arranged WEB BASED Tamas Szabo

#4324 Section 16 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 02:00 PM - 03:15 PM HH2203 To Be Arranged

#4325 Section 17 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 03:30 PM - 04:45 PM HE0211 To Be Arranged

#4326 Section 18 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MWF 08:00 AM - 08:50 AM HE0206 To Be Arranged

#4327 Section 19 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MW 11:00 AM - 12:15 PM HE0201 To Be Arranged

#4328 Section 20 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 MWF 09:00 AM - 09:50 AM HE0201 To Be Arranged

<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>
#4775 Section 21	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Restricted to students in the Janesville Craig PIE Program.		
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Angela Harlan	PIE PROGRAM
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Erica Jensen	PIE PROGRAM
#4776 Section 22	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Restricted to students in the Portage PIE Program.		
09/06-12/22	Arranged	Arranged	OFF CAMPUS	Ryan Hansen	PIE PROGRAM
09/06-12/22	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

#1498 Section 01	[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 for around \$34.		
09/06-12/22	MW	08:00 AM - 09:15 AM	HY0216	Kelly Strait	
#1499 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/06-12/22	MW	09:30 AM - 10:45 AM	HY0216	Teri Alder	
#1500 Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/06-12/22	MW	02:00 PM - 03:15 PM	HY0216	Teri Alder	
#1625 Section 04	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: Required additional course fee is \$26.00 for a manipulative math kit.		
09/06-12/22	MW	05:00 PM - 06:15 PM	HY0216	Teri Alder	

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.

#1565 Section 01	[units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MTWRF	09:00 AM - 09:50 AM	HH1310	Thomas Drucker	
#1532 Section 02	[units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MTWRF	11:00 AM - 11:50 AM	HH1310	Peter Lampe	
#1533 Section 03	[units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MTWRF	12:00 PM - 12:50 PM	HH1310	Peter Lampe	
#1556 Section 04	[units: 5]	Gen Ed Math/Natural Sciences (GM)	NOTE: This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.		
09/06-12/22	MTWR	03:00 PM - 03:50 PM	HH1317	Julie Letellier	
09/06-12/22	Arranged	Arranged	WEB BASED	Julie Letellier	
#1567 Section 05	[units: 5]	Gen Ed Math/Natural Sciences (GM)	NOTE: This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.		
09/06-12/22	MTWR	04:00 PM - 04:50 PM	HH1317	Julie Letellier	
09/06-12/22	Arranged	Arranged	WEB BASED	Julie Letellier	

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

#1589 Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	03:30 PM - 04:45 PM	HE0102	William Mickelson	
#1612 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required 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 for finding a proctor and obtaining the instructor's approval. Math 230 sections 02 and 02W are combined sections.		
09/06-12/22	Arranged	Arranged	WEB BASED	William Mickelson	
#4427 Section 02W	[units: 3]	Gen Ed Math/Natural Sciences (GM)	NOTE: This section is reserved for students in online majors only. This course will be taught using Desire2Learn. Shortly before the start of the semester, information will be sent to each student's UWW email address. An additional required 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 for finding a proctor and obtaining the instructor's approval. Math 230 sections 02 and 02W are combined sections.		
					PREREQ: MUST BE ADMITTED TO AN ON-LINE MAJOR
09/06-12/22	Arranged	Arranged	WEB BASED	William Mickelson	

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

#3955 Section 01	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	09:00 AM - 09:50 AM	MG0125	Ki-Bong Nam	
#1536 Section 02	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	02:00 PM - 03:15 PM	HE0219	To Be Arranged	
#1537 Section 03	[units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	10:00 AM - 10:50 AM	MG0125	Robert Siemann	

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
#1538	Section 04 [units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MWF	11:00 AM - 11:50 AM	MG0125	Robert Siemann	
#1568	Section 05 [units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	12:30 PM - 01:45 PM	HE0219	To Be Arranged	
#3956	Section 06 [units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	03:30 PM - 04:45 PM	HE0219	Leon Arriola	
#4288	Section 07 [units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	02:00 PM - 03:15 PM	HH2101	To Be Arranged	
#4289	Section 08 [units: 3]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	TR	02:00 PM - 03:15 PM	HE0201	To Be Arranged	

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

#4433	Section 01 [units: 5]	Gen Ed Math/Natural Sciences (GM)			
09/06-12/22	MW	02:00 PM - 02:50 PM	HE0101	To Be Arranged	
09/06-12/22	TR	02:00 PM - 03:15 PM	HE0101	To Be Arranged	

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.

#1540 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 for around \$34.

09/06-12/22 MTWRF 09:00 AM - 09:50 AM HH1317 Rachel Chaphalkar

#1566 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 for around \$34.

09/06-12/22 MTWRF 10:00 AM - 10:50 AM HH1317 Wesley Hough

#1569 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 for around \$34. This is a hybrid course which will have both classroom meetings and online instruction. Further instructions will be given the first day of class.

09/06-12/22 MTWR 11:00 AM - 11:50 AM HH1317 Geethamali Samaranyake
09/06-12/22 F Arranged WEB BASED Geethamali Samaranyake

#1590 Section 04 [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 for around \$34.

09/06-12/22 MW 03:30 PM - 04:20 PM HH1310 Aditi Ghosh
09/06-12/22 TR 03:30 PM - 04:45 PM HH1310 To Be Arranged

PHYSICS

Astronomy

ASTRONOMY 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

#4308 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.

09/06-12/22 Arranged Arranged WEB BASED Juliana Constantinescu

Physics

PHYSICS 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

#4301 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)
09/06-12/22 TR 12:30 PM - 01:45 PM UH0166 Juliana Constantinescu