

## Section V - College of Letters and Sciences

### BIOLOGICAL SCIENCES

#### Biological Sciences

**BIOLOGY 214 ECOLOGY AND SOCIETY ...** 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. **PREREQ:** Completion of General Studies science requirements.

#1336 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)

05/26-06/12 MTWRF 07:45 AM - 10:35 AM UH0142 Stephen L Solheim

### GEOGRAPHY AND GEOLOGY

#### Geology

**GEOLOGY 300 PRINCIPLES OF OCEANOGRAPHY ...** 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 140 OR WAIVER

#1392 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This course will be taught on Desire2Learn. A short while before the start of the class, information will be sent to each student's university email address. Required additional course fee: \$150.00

06/15-07/03 Arranged Arranged WEB BASED Rex A Hanger

**GEOLOGY 307 DINOSAURS ...** The course will examine all aspects of Dinosaurs from Earth System Science perspective. Who were the Dinosaurs? When, how and where did they live on earth? What is their relationship to birds? What were the circumstances of their extinction?

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

#1390 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This course will be taught on Desire2Learn. A short while before the start of the class, information will be sent to each student's university email address. Required additional course fee: \$150.00

05/26-06/12 Arranged Arranged WEB BASED Rex A Hanger

### MATHEMATICAL AND COMPUTER SCIENCES

#### Computer Science

**COMPSCI 162 COMPUTER APPLICATIONS ...** 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 140 OR WAIVER

#1420 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

05/26-06/12 TWRF 10:45 AM - 01:25 PM MG0115 Athula D. A. Gunawardena

05/26-06/12 M 10:45 AM - 01:25 PM WEB BASED Athula D. A. Gunawardena

#1422 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

06/15-07/03 TWRF 10:45 AM - 01:25 PM HY0210 Sobitha W Samaranyake

06/15-07/03 M 10:45 AM - 01:25 PM WEB BASED Sobitha W Samaranyake

#### Mathematics

**MATH 143 FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES ...** 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.

#1398 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is a hybrid course which meets both in the classroom and on-line each week.

05/26-06/12 TWR 10:45 AM - 01:25 PM HY0210 William A Sargeant

05/26-06/12 MF 10:45 AM - 01:25 PM WEB BASED Mohammad H Ahmadi

#1647 Section 02 [units: 3] Gen Ed Math/Natural Sciences (GM)

07/06-08/14 MTWRF 10:45 AM - 12:25 PM HY0211 C V Rao

**MATH 152 ELEMENTARY FUNCTIONS ...** 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.

#1408 Section 01 [units: 5] Gen Ed Math/Natural Sciences (GM)

05/26-07/03 MTWRF 10:45 AM - 01:00 PM MG0121 Bennette R Harris

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

**MATH 243 SHORT CALCULUS FOR BUSINESS AND SOCIAL SCIENCES ...** A general survey of the Calculus. Topics covered include limits, differentiation, max-min theory, exponential and logarithmic functions, integration and functions of several variables. As in 760-143, business and social science applications are stressed. College of Business and Economics majors must take this course on a conventional grade basis.

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

#1410 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM)

07/06-08/14 MTWR 10:45 AM - 12:25 PM HE0100 Thomas L McFarland

## PHYSICS

### Astronomy

**ASTRONOMY 114 DESCRIPTIVE ASTRONOMY ...** 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 and field trips may be included as integral parts of the course. Three one-hour lectures per week.

**COREQ: MATH 141 OR WAIVER**

#1426 Section 01 [units: 3] Gen Ed Math/Natural Sciences (GM) NOTE: This is an entirely web based section taught on D2L. Students must have internet access. Shortly before the start of the class, information will be sent to your UWW email address. For information and questions, email Juliana Constantinescu at constanj@uww.edu. Required additional course fee: \$150.00

07/06-08/14 Arranged Arranged WEB BASED Juliana T Constantinescu