General Education Course Descriptions:

**English**

ENGL 1157  English Composition  3 cr.

Prerequisites: Minimum score of 18 ACT English (450 SAT Verbal) or placement via UNO's English Placement Test. This course is the first in a two-semester sequence; it introduces students to the rhetorical strategies, critical thinking skills, and conventions they will need to engage in a wide variety of discourse they encounter in and out of the classroom. Students produce a minimum of three projects, comprised of no less than 5000 words (total), 3000 of which are formally assessed. The assignments that lead to the production of these three projects introduce students to the conventions of a variety of genres and media, teach students how to conduct research and to integrate their findings into their own writings, invest students in the process of writing (inquiring, researching, drafting, reflecting, revising), and create opportunities for students to understand how audience and purpose govern the content, scope, organization, and expression of their ideas.

ENGL 1158  English Composition  3 cr.

Prerequisites: Completion of ENGL 1157, minimum score of 28 ACT English (620 SAT Verbal), minimum score of 3 on the AP Language and Composition Exam, or placement via UNO's English Placement Test. This course is the second in a two-semester sequence. Students produce no fewer than two projects, comprised of at least 5000 words (total), 3000 of which are formally assessed. At least one project must be argumentative. In all projects, students employ a range of research methods, integrate others' ideas effectively, engage in discourse, and apply appropriate rhetorical strategies (e.g., considering opposing viewpoints). Participating in the writing process, inquiring, researching, drafting, reflecting, and revising is essential in producing successful projects. Students who successfully complete ENGL 1158 demonstrate proficiency in applying the rhetorical strategies, critical thinking skills, and writing conventions deemed essential for success.

ENGL 1159  English Composition Honors  3 cr.

Prerequisites: Completion of ENGL 1157, minimum score of 28 ACT English (630 SAT Verbal), minimum score of 3 on the AP Language and Composition Exam, or placement via UNO's English Placement Test. This course is the Honors section of ENGL 1158; please refer to the course description for ENGL 1158.

**Mathematics**

MATH 1021  Problem Solving and Number Relations for Elementary Teachers  3 cr.

A problem solving approach to the number systems of arithmetic emphasizing the use of logic and sets as the language of mathematics. This course may be used for degree credit only in the College of Education and Human Development.
MATH 1023 Problem Solving and Geometry for Elementary Teachers 3 cr.
A problem solving and constructive approach to Euclidean Geometry and three dimensions. This course can be used for degree credit only in the College of Education and Human Development.

MATH 1031 A Survey of Mathematical Thought I 3 cr.
Non-technical survey of major branches of mathematics with examples of problems and methods in each. Not offered for degree credit for students enrolled in the College of Sciences or College of Engineering.

MATH 1032 A Survey of Mathematical Thought 3 cr.
Non-technical survey of major branches of mathematics with examples of problems and methods in each. Not offered for degree credit for students enrolled in the College of Sciences or College of Engineering.

MATH 1115 College Algebra 3 cr.
Real numbers and equations, functions, polynomial functions and graphs, exponential and logarithmic functions. A strong component of this course will be applications taken from different areas of concentration.

MATH 1116 College Trigonometry 3 cr.
Prerequisite: MATH 1115 with a grade of C or better. Introduction to trigonometric functions, graphs of trigonometric functions, trigonometric identities, applications of trigonometry, linear and nonlinear systems, binomial theorem. Designed for students who are not required to take calculus. A strong component of this course will be applications taken from different areas of concentration. Credit for both MATH 1116 and 1126 will not be allowed.

MATH 1125 Precalculus Algebra 3 cr.
Prerequisites: MATH 1115 with a grade of C or better. Fundamentals, functions, polynomials and rational functions, exponential and logarithmic functions.

MATH 1126 Precalculus Trigonometry 3 cr.
Prerequisites: MATH 1125 with a grade of C or better. Trigonometric functions of real numbers, trigonometric functions of angles, analytic trigonometry, systems of equations and inequalities, the binomial theorem. Credit for both MATH 1116 and 1126 will not be allowed.

MATH 2114 Calculus I 4 cr.
Prerequisites: Math 1126 with a grade of C or better. Limits; derivatives; implicit differentiation; the Chain Rule; extrema; the first derivative. test; optimization; related rates; Newton's method; differentials; integration; the Fundamental Theorem of Calculus; area between curves; solids of revolution; arc length; surfaces of revolution; exponents; logarithms. This course requires an additional recitation hour.
MATH 2124  Calculus II  4 cr.
Prerequisites: Math 2114 or Math 2111 or Math 2108 with a grade of C or better.
Derivatives and integrals of trigonometric functions; hyperbolic functions; integration techniques; numerical integration; centroids and moments of inertia; L'Hospital's Rule; improper integrals; sequences and infinite series; Taylor series; conic sections; polar coordinates. This course requires an additional recitation hour.

MATH 2314  Elementary Statistical Methods  3 cr.
Prerequisite: MATH 1115 or higher or six hours of mathematics courses numbered at least 1000.
Introduction to statistical methods. Topics include data analysis, frequency distributions, probability, inference, estimation, hypothesis testing, regression and correlation. Technology is required to explore and solve problems. Credit will not be allowed in both MATH 2314 and MATH 2785.

MATH 2785  Elementary Statistics for Business and Economics  3 cr.
Prerequisites: MATH 1115 or higher or six hours of MATH courses numbered at least 1000. This course may be used for degree credit only in the College of Business Administration. Tabular and graphical presentation of data, descriptive measures including measures of location and dispersion, introduction to probability theory including Baye's Theorem, discrete distributions including Binomial and Poisson distributions, continuous distributions including Uniform, Normal and Exponential distributions, statistical inference including sampling, point and interval estimation and hypothesis testing. Credit will not be allowed in both MATH 2314 and MATH 2785.

Science

BIOS 1053  Human Biology for Non-Science Majors  3 cr.
Prerequisite: eligibility for enrollment in, or credit for ENGL 1157 or a higher level English course. Not offered for credit to fulfill science requirement of students enrolled in the College of Sciences, Allied Health Program, or Science Education. This course is part of a two-semester sequence. This course consists of a study of form and function of the human body and aspects of health and disease. Credit may not be earned in both BIOS 1053 and BIOS 1083.

BIOS 1063  Biodiversity for Non-Science Majors  3 cr.
Prerequisite: eligibility for enrollment in, or credit for ENGL 1157 or a higher level English course. Not offered for credit to fulfill science requirements of students enrolled in the College of Sciences, Allied Health Program, or Science Education. This course is part of a two-semester sequence. The course is designed to provide the non-science major with basic information about the principles of ecology, evolution, and genetics. Credit may not be earned in both BIOS 1063 and BIOS 1073.

BIOS 1073  Biodiversity  3 cr.
Prerequisites: Eligibility for enrollment in, or credit for, ENGL 1157 and MATH 1125, or credit for a higher level English or Math. Concurrent enrollment in BIOS 1071 is strongly recommended. This course is intended for College of Sciences majors. Non-science majors and science education majors may enroll
with consent of department. An introduction to organismal biology in the broadest sense. The theory of evolution and its historical development are considered and provide the framework for a survey of diversity encountered in living organisms. The course includes an introduction to the basic principles of genetics and their relation to the process of evolution. Three hours of lecture. Credit may not be earned in both BIOS 1073 and BIOS 1063.

BIOS 1083 Form & Function 3 cr.

Prerequisites: Eligibility for enrollment in, or credit for, ENGL 1157 and MATH 1125, or credit for a higher level English or Math. Concurrent enrollment in BIOS 1081 is strongly recommended. This course is intended for College of Sciences majors. Non-science majors and science education majors may enroll with the consent of department. An introduction to animal and plant structure and function at the level of cells, tissues, and organ systems. Three hours of lecture. Credit may not be earned in both BIOS 1083 and BIOS 1053.

CHEM 1001 Lights, Camera, ACTION: The Chemistry of Movies and TV 3 cr.

Not offered for credit to fulfill science requirements of students enrolled in the College of Sciences, Allied Health Program, or Science Education. This course fulfills three credits of science requirement for non-science majors. This course will explore how chemistry is portrayed in TV and movies. Students will take basic chemistry principles and learn how to apply them to pop-culture references.

CHEM 1002 Life, The Universe and Everything: Chemistry of our Daily Lives 3 cr.

Not offered for credit to fulfill science requirements of students enrolled in the College of Sciences, Allied Health Program, or Science Educations. This course fulfills three credits of science requirement for non-science majors. This course will explore how chemistry affects our daily lives. Students will take basic chemistry principles and learn how to apply them to everyday phenomena such as cooking, energy, nuclear reactors and weapons, biochemical processes and many other chemistry related phenomena.

CHEM 1017 General Chemistry I 3 cr.

Prerequisite: Eligibility for Math 1125 or C or better in Math 1115 or higher (It is recommended that students who take this course also take CHEM 1007 concurrently). Chemistry 1017 is a course in the fundamentals of chemistry. Students whose curricula require only a year of college chemistry will normally take CHEM 1018 and CHEM 1008 following satisfactory completion of this course and CHEM 1007. Three hours of lecture and one hour of recitation.

CHEM 1018 General Chemistry II 3 cr.

Prerequisite: C or better in CHEM 1017. (It is recommended that Students who take this course also take CHEM 1008 concurrently). A continuation of CHEM 1017. Inorganic chemistry with selected topics in organic chemistry. Three hours of lecture and one hour of recitation.

EES 1000 Dynamic Earth 3 cr.

Prerequisites: eligibility to enroll in ENGL 1157 or credit in English at the college level. A study of the structure and properties of materials composing the earth and processes which form and alter the crust
including erosion igneous activity mountain building glaciation earthquakes and oceans. Credit in EES 1000 and/or 1001 and EES 1008 will not be allowed.

EES 1002 Introduction to Environmental Science 3 cr.

Prerequisite: eligibility to enroll in ENGL 1157. A survey of environmental science and policy issues, including ecology, engineering, geology, geography, law, economics, philosophy, and sociology.

PHYS 1005 Introductory Astronomy I 3 cr.

Introductory course in astronomy. Naked-eye astronomy, the history and development of astronomy, and the comparative planetology of the solar system. PHYS 1005 and 1006 may be taken without regard to order.

PHYS 1006 Introductory Astronomy II 3 cr.

Introductory course in astronomy. Introduction to the astronomy of the Sun and stars, galaxies and cosmology. PHYS 1005 and 1006 may be taken without regard to order.

PHYS 1061 Physics for Science and Engineering I 3 cr.

Prerequisites: Credit or concurrent enrollment in MATH 2111 or 2107 or MATH 2114 and credit or concurrent enrollment in PHYS 1063, or consent of the department. A study of the fundamental concepts and theories of general physics, mechanics of particles, rigid bodies, fluids and sounds.

PHYS 1062 Physics for Science and Engineering II 3 cr.

Prerequisites: PHYS 1061 with a C or better, credit or concurrent enrollment in MATH 2108 or MATH 2112 or MATH 2124, and credit or concurrent enrollment in PHYS 1065. A continuation of PHYS 1061. Heat, electricity, and magnetism.

**Humanities**

ENGL 2041 Major American Writers 3 cr.

A study of works of important authors from 1600 to the present. Intended for non-English majors.

ENGL 2043 New Orleans Literature 3 cr.

This course covers selected literary works set in New Orleans.

ENGL 2071 African-American Literature I 3 cr.

Writings of African-Americans to 1939.

ENGL 2090 Special Studies in Literature and Language 3 cr.

Reading, evaluation, and discussion of selected writers, works, or literary topics. May be taken twice for a maximum of six credit hours.
ENGL 2208  Reading Drama  
Offered each semester. A general introduction to the study and appreciation of drama.

ENGL 2228  Reading Poetry  
Offered each semester. A general introduction to the study and appreciation of poetry.

ENGL 2238  Reading Fiction  
Offered each semester. A general introduction to the study and appreciation of fiction.

ENGL 2341  A Survey of British Literature from the Beginning to the Later Eighteenth Century  
This course is open to all students; it is required for English majors.

ENGL 2377  The Bible as Literature  
A study of selections from the Old and New Testaments.

ENGL 2378  Introduction to Women's Literature  
An introductory survey of representative works in diverse literary forms by women from a wide variety of backgrounds and cultures with a focus on the idea of difference in women's writings and consider their relation to issues of class race sexual orientation and social context.

ENGL 2521  Introduction to Shakespeare  
Students read a selection of Shakespeare's more popular plays and may view performances as well.

EDSP 1001  Basic Sign Language I  
This is the first in a sequence of courses developing Sign Language skills. The students will be introduced to Sign Language and fingerspelling. Receptive and expressive sign language skills will be emphasized with specific focus on the ability to participate in functional communication and artistic signing situations at a beginner's level. An overview of the variety of sign systems and the history of American Sign Language (ASL) will be introduced.

FREN 1001  Basic French I  
Offered each semester. The first in a sequence of courses developing all four language skills: speaking, understanding, writing and reading. Audio-visual items will be used to enhance the process of language acquisition.

GER 1001  Basic German I  
Offered each semester. A sequence of courses developing all four language skills: speaking, understanding, writing, and reading. Audio-visual material will be occasionally used.
SPAN 1001  Basic Spanish I  3 cr.
Offered each semester. A sequence of courses developing all four language skills: speaking, understanding, writing, and reading. The course includes the presentation and discussion of cultural material such as magazines, films, records, and other audio-visual items when feasible.

HIST 1001  World History to 1600  3 cr.
Offered each semester. Survey of the societies of Asia, Africa, the Americas, and Europe from the earliest times to the beginning of the modern world.

HIST 2501  U.S. History I  3 cr.
Offered each semester. Survey of United States history from the earliest times to the Civil War.

PHIL 1000  Introduction to Philosophy  3 cr.
An introductory study of basic philosophical concepts and problems.

FTA 2650  Oral Communications  3 cr.
An introductory course in oral communications. Chief emphasis is on communication to the small group. Attention is given to public speaking, interpersonal communication, interviewing, and group discussion.

WGS 2010  Introduction to Women's Studies  3 cr.
An introduction to the social, historical, and cultural dimensions of women's role in society.

**Social Science**

ANTH 1010  Peoples of the World  3 cr.
Offered each semester. A topical survey of tribes and cultures of the world past and present. This course is designed to acquaint the beginning student with anthropology and its various subfields. It will examine the background of several cultures at different levels of development which are now undergoing the difficult process of combining their traditional ways of life with the rapid changes imposed on them by the modern world.

ECON 1203  Principles of Microeconomics  3 cr.
Offered each semester. Prerequisites: MATH 1115 or higher and placement in ENGL 1157 or higher. Credit will not be given for both ECON 1203 and 2200. An introduction to the principles of economics; the economics of the firm, including market demand and the costs of production; the market structures of American capitalism; the pricing of products and employment of resources including the determinants of wages, interest, rents, and profits.

GEOG 1001  World Regional Geography  3 cr.
Offered each semester. The nations of Europe (including the former Soviet Union) and the Americas; emphasis on the analysis of physical and cultural relationships and interactions between countries in time and space.
POLI 2151  U.S. Government and Politics  3 cr.
This course examines the values, processes, institutions and participants that characterize political activity in the U.S. It covers the U.S. political system, its development over the past two centuries, and how it operates today.

PSYC 1000  General Psychology  3 cr.
Offered each semester. A general introduction to the scientific study of the behavior of organisms. An honors section (1009) is available for qualified students.

SOC 1051  Introductory Sociology  3 cr.
Offered each semester. A first course in the study of human beings in society using basic concepts and methods of sociology. Topics include the influences of social groups on individuals’ attitudes and behaviors, stability and change in the family, and social inequality.

URBN 1000  Introduction to Cities  3 cr.
This course is an introduction to contemporary cities. It examines the social, technological, political, aesthetics, economic and environmental forces that have shaped urban environments. It also discusses how different spatial forms and functions reflect these forces.

Art
FA 1010  Art Appreciation  3 cr.
Offered each semester. Open to all undergraduates. An introduction to art in which the visual elements and principles are examined through a study of the key monuments in the history of art from cave paintings to the present. Important styles of painting, sculpture, architecture, and twentieth century media are explored with attention to the personalities of the artists and the cultures in which they lived.

MUS 1000  Music Appreciation  3 cr.
Offered each semester. An appreciation and analysis from the viewpoint of the listener of representative works in Western art tradition, covering for example, selected masterworks of Bach, Handel, Mozart, Beethoven, Brahms, Tchaikovsky, Bartok, and Stravinsky. No previous knowledge of or about music is required.

FTA 1000  Theater Appreciation  3 cr.
Offered every semester. An appreciation and analysis of theatre. Focus is on the artists and technicians who create theatre and the components involved in the production process. The course does not involve the actual production of a play or performance. FTA majors cannot receive degree credit for both FTA 1000 and FTA 1005.