HONORS COURSES FALL 2017

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
10002	A&S 2999	195	FORMS OF INQUIRY	12:30-1:20 Tues	SARWAR

This lecture series exposes students to different disciplinary perspectives, the current problems, theoretical underpinnings, and methods of procedure that direct diverse forms of inquiry. UNO scholars from various fields of study present their research, one faculty speaker per week. Honors students can enroll in the course up to 3 times for credit. A&S 2999 is a one-credit course.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
10134	BIOS 1073	195	BIOLOGY II	10:00-10:50 MWF	HORNE
10135	BIOS 1073	196	BIOLOGY II	3:30-4:45 TuTh	DEW

This course explores principles of genetics, evolution, systematics, ecology, diversity, plant growth and development, animal nutrition, development and physiology. This course is intended for College of Sciences majors. Non-science majors may need special permission to enroll in to this class.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
10147	BIOS 1083	195	BIOLOGY I	9:00-9:50 MWF	WILLIAMSON
10148	BIOS 1083	196	BIOLOGY I	8:00-9:15 TuTh	NESBIT

This course explores the biochemistry of macromolecules, cellular structure, metabolism, reproduction, and genetics. This course is intended for College of Sciences majors. Non-science majors may need special permission to enroll in to this class.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
10326	CSCI 1205	195	INTRO.TO PROGRAM. IN C++	9:00-9:950 MWF	EISHITA

Introduces and applies computer techniques needed to solve problems in a high-level programming language such as C ++. Develops programming skills necessary for students to utilize the digital computer in carrying out computational assignments for other courses. Not intended for Computer Science majors.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
10543	EES 1000	195	DYNAMIC EARTH	10:00-10:50 MWF	SARWAR

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. EES 1000 satisfies 3 hours of science credit.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
11766	ENGL 1159	195	ENGL. COMP HONORS	11:00-11:50 TuTh	VERNER

In ENGL 1159 students read, discuss and write about the literature of Ancient Greece. We will study representative samples of poetry, drama and philosophy, including, but not limited to, the works of Homer, Plato, Sophocles and Aristotle. Class is conducted as both lecture and active discussion. This course is the Honors section of ENGL 1158, and is available to Honors student only.

CLASS#	COURSE	SEC	COURSE TITLE	TIME	INSTRUCTOR
11768	ENGL 2090	195	VAMPIRE LITERATURE	11:00-11:50 MWF	WERNER

This course will present an overview of some of the most famous vampires of literature with a focus on the nineteenth and twentieth centuries, including texts by Sheridan LeFanu, Bram Stoker, Anne Rice, and Angela Carter. We will also watch the 2014 film, What We Do in the Shadows, with its humorous take on the history of vampire literature. This course covers issues of race, gender, sexuality, and psychology. Students will explore the ways in which these monsters shift and change with the times that produce them.

11223	MATH 2114	195	CALCULUS I	10:00-10:50 MTuWThF	MACARI

Limits and continuity of functions; introduction of the derivative; techniques of differentiation; Chain rule; implicit differentiation; differentiation of transcendental and inverse functions; applications of differentiation; concavity; relative extrema; maximum and minimum values of a function; optimization; anti-differentiation; definite integrals; Fundamental Theorem of Calculus; areas. This course requires an additional recitation hour.

11227	MATH 2124	195	CALCULUS II	10:00-10:50 MTuWThF	SHALIT

Applications of integrals and definite integrals; volume; techniques of integration; parametric equations; sequences an infinite series; vectors; dot and cross products. This course requires an additional recitation hour.

11231	MATH 2134	195	CALCULUS III	10:00-10:50 MTuWThF	SAXTON

Work; functions of several variables; partial differentiation and applications; polar coordinates and change of variables; multiple integrals and applications; Green's Theorem; Gauss's Divergence Theorem; Stokes' Theorem. This course requires an additional recitation hour.

11248	MATH 3721	195	INTRO TO DISCRETE STRUCTURES	2:00-2:50 MWF	DUMESNIL

An introduction to the discrete structures that serve as a foundation for mathematics and computer science: set theory and mathematical logic; binary relations; counting and algorithm analysis; induction and strings.

11504	PHYS 1005	195	INTRO ASTRONOMY I	9:00-9:50 MWF	SEAB

PHYS 1005 focuses on naked-eye astronomy, the history and development of astronomy, and the comparative planetology of the solar system. PHYS 1005 satisfies 3 hours of science credit.