



HONORS COURSES SPRING 2018

20003	A&S 2999	195	FORMS OF INQUIRY	12:30-1:20 TUES	SARWAR
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This lecture series exposes students to different disciplinary perspectives. 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.

20123	BIOS 1073	195	BIODIVERSITY	9:30-10:45 TuTh	PENZ
20124	BIOS 1073	196	BIODIVERSITY	5:00-6:15 MW	DEW

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. This course is intended for College of Sciences majors. Non-science majors may need special permission to enroll in to this class.

20137	BIOS 1083	195	FORM & FUNCTION	9:00-9:50 MWF	WILLIAMSON
20138	BIOS 1083	196	FORM & FUNCTION	3:30-4:45 TuTh	HORNE

An introduction to animal and plant structure and function at the level of cells, tissues, and organ systems. This course is intended for College of Sciences majors. Non-science majors May need special permission to enroll in to this class.

20329	CSCI 1205	195	INTRO.TO PROGRAM. IN C++	9:30-10:45 TuTh	EISHITA
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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.

20334	CSCI 1581	195	SOFTWARE DESIGN I LAB	11:00-12:50 MON	SUMMA
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Two hours of laboratory each week to accompany CSCI 1583. Applications, exercises, and explorations in methodologies, software design, and development. While dual enrollment in CSCI 1581 (1 credit) and CSCI 1583 (3 credits) is required, you are NOT required to be in the Honors section of both courses.

20339	CSCI 1583	195	SOFTWARE DESIGN I	9:00-9:50 MWF	SAMUEL
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An introduction to software design and development using an object-oriented approach. Topics include designing, specifying, implementing, and testing elementary classes; developing simple algorithms in an object-oriented programming language; programming-by-contract; implementing fundamental structural relations between classes. Intended primarily for Computer Science majors. CSCI 1583 (3 credits) has to be taken concurrently with its associated lab CSCI 1581 (1 credit). While dual enrollment in CSCI 1581 (1 credit) and CSCI 1583 (3 credits) is required, you are NOT required to be in the Honors section of both courses.

20341	CSCI 2120	195	SOFTWARE DESIGN II	9:30-10:45 TuTh	SUMMA
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A continuation of Software Design I with emphasis on algorithmic techniques and the structuring of larger systems. Topics include sorting and searching, recursion, inheritance and polymorphism, composition, abstract classes and interfaces, exception handling, and the model-view-controller structure. CSCI 2120 (3 credits) has to be taken concurrently with its associated lab CSCI 2121 (1 credit). CSCI 1583 is a prerequisite for CSCI 2120. While dual enrollment in CSCI 2120 (3 credits) and CSCI 2121 (1 credit) is required, you are NOT required to be in the Honors section of both courses.

20346	CSCI 2121	195	SOFTWARE DESIGN II LAB	11:00-12:50 TUES	SUMMA
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Two hours of laboratory each week to accompany CSCI 2120. Applications, exercises, and explorations in methodologies for software design and development. While dual enrollment in CSCI 2120 (3 credits) and CSCI 2121 (1 credit) is required, you are NOT required to be in the Honors section of both courses.

20563	EES 1000	195	DYNAMIC EARTH	10:00-10:50 MWF	STIEGLER
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Students study the evolutionary history of the earth, including physical changes and an introduction to the record of life through time. EES 1000 satisfies 3 hours of science credit.

20738	ENGL 2090	190	MEDIEVAL HOLLYWOOD	2:00-3:15 TuTh	VERNER
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Compare and contrast works of medieval literature and history with their depiction in the movies. Examine how contemporary film understands and presents the past, to what extent medieval film is disconnected from the historical issues that inspire it, and, conversely, what connections might exist and how they might help us better understand both medieval literature and modern film.

21236	MATH 2114	195	CALCULUS I	9:00-9:50 MTuWThF	MACARI
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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.

21241	MATH 2124	195	CALCULUS II	10:00-10:50 MTuWThF	DODDS
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Applications of integrals and definite integrals; volume; techniques of integration; parametric equations; sequences and infinite series; vectors; dot and cross products. This course requires an additional recitation hour.

21245	MATH 2134	195	CALCULUS III	2:00-2:50 MTuWThF	SHALIT
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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.

21264	MATH 3721	195	INTRO TO DISCRETE STRUCTURES	11:00-12:15 TuTh	DUMESNIL
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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.

21319	MURP 4005	195	INTRO TO NEIGHBORHOOD PLANNING	ONLINE	THOMPSON
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Introduction to the underlying processes of neighborhood-based planning and exploration of the role of the neighborhoods in the urban environment. Through class lectures, discussion of assigned readings, and virtual presentations of planning initiatives undertaken in a variety of New Orleans' neighborhoods, students will explore the components of neighborhood development, change, and planning.

21748	PHIL 1000	195	INTRO TO PHILOSOPHY	2:00-3:15 TuTh	SURPRENANT
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PHIL 1000 introduces the study of basic philosophical concepts and problems.

21531	PHYS 1006	195	INTRO ASTRONOMY II	9:00-9:50 MWF	SEAB
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PHYS 1006 introduces astronomy of the Sun and stars, galaxies, and cosmology. PHYS 1006 satisfies 3 hours of science credit.

21715	URBN 4810	195	ENVIRONMENTAL JUSTICE IN URBAN ENVIRONMENTS	3:00-5:45 WED	THOMPSON
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Explore the everyday landscape of the city. Through readings and community geographic information systems (GIS) observational exercises, students will learn to interpret everyday landscapes and understand the processes that shape them. This is a **service learning** course and students will complete an applied project with a community partner focusing on the "innovation district" and new business development underneath the Claiborne Corridor.