



TEXAS TECH UNIVERSITY
Honors College[™]

First Year Experience (FYE)
Fall 2016 COURSE OFFERINGS

ADMISSION TO HONORS COURSES

Honors courses are designed, first of all, for Honors College members; however, any TTU student with a GPA of 3.0 or better is eligible to enroll in Honors courses as space permits.

For more information, contact: Honors College, McClellan Hall Room 103, (806) 742-1828; honors@ttu.edu

GRADUATION WITH HONORS DESIGNATIONS

Students must complete 24 hours in Honors courses to graduate from Texas Tech University with the transcript designation “with Honors from the Honors College.” See the Honors College Student Handbook on the web for more details.

A student who wishes to graduate with the transcript designation “with Highest Honors from the Honors College” must complete an Honors Thesis and 30 hours of Honors coursework. Permission from the Honors College is required before beginning the Honors Thesis. Students must maintain a 3.25 pure grade point average both to remain in the Honors College and to graduate with either of these Honors designations.

Students intending to graduate with either designation must file an “Intent to Graduate” form with the Honors College about one year prior to the graduation date. Honors College designations are listed on the transcript and the diploma. These are in addition to other distinctions graduates may earn, such as Magna Cum Laude.

FALL 2016 FIRST-YEAR EXPERIENCE (FYE) COURSE OFFERINGS

Honors First-Year Experience (FYE) courses are specially created and structured to be the perfect beginning courses for Honors students. Enrollments are kept small, excellent faculty are invested in the classroom experience, and students are encouraged to take part in discussion and to explore the new intellectual spaces opened up to them in the university setting. The attached Learning Community Group (LCG) sections (HONS 1101) offer one credit hour and aim to integrate our new students into the close-knit and vibrant Honors community by informing them of opportunities to become involved in the Honors College and by providing them with the personal guidance of knowledgeable and supportive Honors student Mentors. In addition to building community within the Honors College and providing our first year students with the skills and tools they'll need to transition successfully into the university (such as creating professional resumes and exploring opportunities for academic enrichment and leadership), our LCG sections will work toward giving students the vocabulary needed to deal with issues they will face in a diverse and nuanced global society with courage and integrity. Special topics covered in LCG sessions will include mental health, addiction, race, gender and sexuality, sexual assault, and micro aggressions. These special sessions are carefully planned and monitored by FYE faculty and Honors administrators with the help of the extensively-trained student Mentors. We believe that introducing these difficult topics in a safe environment as closely-moderated discussions (not debates) in our students' first semester will enable them to thoughtfully and respectfully approach related issues and situations they may encounter afterward.

FULL/CLOSED courses are listed in red text.

ARCH 1311-H01	<i>Design, Environment, and Society</i>	(CRN# 31302)	Prof. U. Flueckiger	MW 10:00-11:20 AM
HONS 1101-H01	<i>LCG Group (Co-requisite)</i>	(CRN# 35847)	Student Mentors	W 4:00-5:20 PM

This course will introduce the concepts of architecture, design, society, and environments, illustrate the value of design as it relates to society and the environment, and demonstrate how design is influenced by environment and societal considerations. Topics we will explore include: architectural, social, and cultural movements in the 20th century and beyond; the relationship between social behaviors and architecture; sustainable design; the information age and design for a networked society; and the understanding of public, social, and personal spaces in non-western culture. This course will study design not as an isolated independent discipline, but as an integrated part of a much larger and complex world. Among the more important components of this world are the societies of people among whom we live and the environment within in which we dwell.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

CHEM 1307-H01	<i>Principles of Chemistry I</i>	(CRN# 14787)	Prof. D. Casadonte	TR 9:30-10:50 AM
CHEM 1307-H71	<i>Required Review Session</i>	(CRN# 24719)		M 5:00-6:20 PM
CHEM 1307-H72	<i>Required Review Session</i>	(CRN# 24730)		T 5:00-6:20 PM
CHEM 1307-H73	<i>Required Review Session</i>	(CRN# 35266)		M 3:30-4:50 PM
HONS 1101-H08	<i>LCG Group (Co-requisite)</i>	(CRN# 35854)	Student Mentors	W 4:00-5:20 PM

Note: Enrollment in this course is restricted to Honors students and cannot be taken if a student has previously failed a section of CHEM 1307 and is attempting a grade replacement.

Prerequisites: Grade of "A" in CHEM 1301 or a passing score on the Chemistry Placement Exam; at least one year of HS Chemistry; and a score of 600/26 or better on the Math portion of the SAT/ACT.

Corequisite: CHEM 1107 is strongly recommended

This course focuses on a study of the fundamental concepts of chemistry including nomenclature; chemical reactions; stoichiometry; molecular structure and geometry; bonding concepts and paradigms; thermochemistry; states of matter; the physical characteristics of solids, liquids, and gases; phase transitions; and an introduction to solution properties. This course has a limited enrollment and is taught in a "flipped" format, and as such provides opportunities for direct faculty-student interaction, small group discussion, and hands-on and inquiry-based learning. This course is recommended for students who plan careers in chemistry or in the physical and biological sciences, as well as in medicine or engineering.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

CLAS 2304-H01	<i>The Ancient World: Prophets, Warriors, Poets</i>	(CRN# 37065)	Prof. D. Larmour	MWF 12:00-12:50 PM
HONS 1101-H02	<i>LCG Group (Co-requisite)</i>	(CRN# 35848)	Student Mentors	W 4:00-5:20 PM

This course will examine the defining features of the cultures of Classical Greece and Rome, by focusing on religious beliefs and mythology (“prophets”), military and political structures and major events (“warriors”) and literary and artistic production (“poets”). We will read and discuss extracts from a number of ancient authors, including Homer, Sophocles, Thucydides, Plato, and Plutarch (on the Greek side) and Livy, Vergil, Lucretius, and Tacitus (on the Roman side). Topics covered will include: the Heroic Warrior code, the Olympic Festival, the rise of democracy, Socrates’ philosophy of the Good and the Just, Athens vs Sparta, the Roman Republic and Civil Wars, the founding myths of Rome and Vergil’s *Aeneid*, Imperial Expansion and Governance, and Gladiatorial Combat. The aim of the course is to understand how the Greeks and the Romans thought about themselves. The class will also consider the continuing influence of the Greeks and the Romans on modern culture and society, not least in the United States.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.

ECO 2302-H01	<i>Principles of Economics II</i>	(CRN# 35637)	Prof. R. Al-Hmoud	TR 11:00 AM-12:20 PM
HONS 1101-H03	<i>LCG Group (Co-requisite)</i>	(CRN# 35849)	Student Mentors	W 4:00-5:20 PM

Note: Students may take ECO 2302 before taking ECO 2301.

An introduction to modern economic society and theories of production and exchange. Emphasis upon monetary and fiscal policy and macroeconomics.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

ENGL 2305-H01	<i>Introduction to Poetry: Studies in Poetry: Self and World</i>	(CRN# 30926)	Prof. W. Wenthe	TR 11:00 AM-12:20 PM
HONS 1101-H04	<i>LCG Group (Co-requisite)</i>	(CRN# 35850)	Student Mentors	W 4:00-5:20 PM

Plato banned poets from his ideal republic. Confucius required the statesman to memorize an anthology of poems. Socrates, condemned to death by the State, turned to writing poetry. Today young women in Afghanistan risk their lives to write poetry, which is forbidden them. Other poets win Nobel prizes. We can’t define poetry—but we can identify what it does. One of the things it does is connect a person, an individual—you—to larger orders. Such orders are: the political, the family, the religious, the natural, and so on; including all the ways these orders affect each other. Poetry also explores the individual person; in its grandness (“I contain multitudes,” writes Walt Whitman) and in its smallness (“I’m nobody. Who are you?” writes Emily Dickinson). It seeks words for the wonder, the fear, the strangeness of your own existence (“You are an I,” writes Elizabeth Bishop). Poetry is the oldest literature. Constantly reborn, it thrives today. It flourishes in Ivy League universities; it flourishes in urban streets. In this class we’re going to learn to read poems masterfully; and thus, to read anything masterfully. Attendance (in the sense of physical presence, and in the sense of focused, assiduous attention) and lively and close discussion of poems is required. Through short writing assignments, we’re going to learn how to write about writing. We’re going to explore, together and individually, self and world; we’re going to learn, as William Carlos Williams says, “to get the news / from poems”; and all the while, following the advice of Horace, we’re going to let delight lead the way.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.

ENGL 2307-H02	<i>Introduction to Fiction: Hard-Boiled Crime Fiction</i>	(CRN# 28863)	Prof. M. Borshuk	TR 2:00-3:20 PM
HONS 1101-H05	<i>LCG Group (Co-requisite)</i>	(CRN# 35851)	Student Mentors	T 4:00-5:20 PM

This section of ENGL 2307 will introduce students to fiction’s generic conventions and to strategies for critical interpretation by exploring one of the most American of fiction genres: hard-boiled crime fiction. Beginning with the foundational *Black Mask* school of crime writers, we will cover a wide historical range of hard-boiled writers with attention to their influences, artistic innovations, and stylistic departures from the mystery and crime writers who preceded them. As we move forward chronologically, we will also pay attention to significant revisions to the hard-boiled crime genre’s signature characteristics by the more contemporary American practitioners of the form. Students will leave the course with an understanding of fiction’s key characteristics (including plot, narrative voice, setting, and dialogue) through extensive critical writing, which includes three formal papers.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.

ENGR 1315-H01	Introduction to Engineering	(CRN# 14829)	Prof. J. Dannemiller	TR 11:00 AM-12:20 PM
HONS 1101-H06	LCG Group (Co-requisite)	(CRN# 35852)	Student Mentors	W 4:00-5:20 PM

ENGR 1315-H02	Introduction to Engineering	(CRN# 20135)	Prof. J. Dannemiller	MWF 1:00-1:50 PM
HONS 1101-H07	LCG Group (Co-requisite)	(CRN# 35853)	Student Mentors	W 4:00-5:20 PM

Note: This course is open to all Honors engineering and non-engineering majors and may be substituted for the following discipline-specific Introduction to Engineering courses: CH E 1305, CE 1305, EE 1304, IE 1305, ME 1315, and PETR 1305. This course should also be of interest to non-engineering majors who have an interest in technology or a desire to learn more about an engineering discipline.

Prerequisite or corequisite: MATH 1451

This course is designed to introduce engineering and non-engineering freshmen to the opportunities and challenges offered by a career in engineering. Through an exploration of the new and evolving technologies and the national and international issues relating to energy conservation, production, and consumption, students are given a preview of the problems and analyses typical of mechanical, civil, electrical, chemical, industrial, petroleum, and computer science engineering. Students also gain experience in the application of basic computer tools (e.g., Word, PowerPoint, Excel, Mathcad, MATLAB) to analyses, reports, and presentations typical of engineering. Finally, students develop an understanding and appreciation of the design process and the open-ended problems found in the practice of engineering.

GEOG 2300-HS1	Introduction to Human Geography: Service Learning Section	(CRN# 24618)	Prof. G. Elbow	MF 8:00-8:50 AM
HONS 1101-H09	LCG Group (Co-requisite)	(CRN# 35855)	Student Mentors	W 4:00-5:20 PM

This is not a typical geography class where you learn how much it rains in Outer Zambodia, how many bananas are produced in Eastern Tropicalistan, or what the capital of Monotinia is. GEOG 2300 is organized around the theme of human well-being. This means that we look at how well-off people are in different places. We do this at different scales—for the local area (Lubbock and West Texas), for the United States, and for the world. We look at where rich and poor people live and at some of the factors that cause differences in human well-being from place to place. Human well-being is more than just what the average family income of a place is. We look at health, education, quality of housing, access to healthy food and water, and a wide variety of other indicators well-being.

In order for students to experience differences in human well-being first hand, this class will require everyone enrolled to perform at least 20 hours of volunteer service with a local agency that provides services to an economically disadvantaged population. Part of the coursework will involve writing reflection papers based on your volunteer experience.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCE REQUIREMENT.

HDFS 2322-H01	Partnering: Development of Intimate Relationships	(CRN# 30114)	Prof. S. Thomas-Jackson	MWF 12:00-12:50 PM
HONS 1101-H11	LCG Group (Co-requisite)	(CRN# 35857)	Student Mentors	T 4:00-5:20 PM

Intimate relationships are a part of every person's life. These relationships come in many shapes and sizes (parents, siblings, friends, romantic partners, etc). All relationships are developed, are sustained or come to an end. Would you like to better understand intimate relationships, how relationships develop, how they can be maintained, difficulties that arise in relationships and how to overcome conflict? Then this course is for you. This course is designed to provide an overview of intimate relationships from adolescence through adulthood, with an emphasis on relationship processes, diversity in types of partnering, and developmental/contextual variations in relationships. The course will review the various phases of relationship development (e.g., attraction, maintenance, dissolution, reconfiguration), and address the ways in which relationships are affected by individual (e.g., cognition, personality), couple (e.g., love, sexuality, conflict, communication), and contextual (e.g., social network) factors.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

HIST 2300-H01	History of the U.S. to 1877	(CRN# 14852)	Prof. G. Bell	TR 11:00 AM-12:20 PM
HONS 1101-H13	LCG Group (Co-requisite)	(CRN# 35859)	Student Mentors	T 4:00-5:20 PM

This course lets you answer for yourself some of the thorniest questions in American history: how did this disparate set of British colonies become one nation? Why did the national structure break apart into Civil War less than a century later? Readings, writing assignments, and discussions all provide access to the methods historians use to answer such questions and investigate the human condition. Primary source readings will inform your analysis of debates concerning historical events and processes, while the textbook and secondary sources provide both the necessary narrative spine and many alternative explanations that historians have considered for these claims. This hands-on examination of historical issues requires your active engagement and participation, so come prepared to think!

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM AMERICAN HISTORY REQUIREMENT.

HIST 2301-H01	<i>History of the U.S. Since 1877</i>	(CRN# 14859)	Prof. J. Milam	TR 2:00-3:20 PM
HONS 1101-H10	<i>LCG Group (Co-requisite)</i>	(CRN# 35856)	Student Mentors	T 4:00-5:20 PM

Note: HIST 2300 is not required before HIST 2301.

This course will discuss, in an overview format, all of the main currents--political, economic, and social, etc.--of American history since 1877. Of special interest will be such American turning points as the second industrial revolution, imperialism, the two World Wars, the Great Depression, Viet Nam and the current political scene. The course focuses on broad patterns and interpretations rather than a collection of independent facts. Two elements especially distinguish this particular class: an emphasis on discussion over sometimes controversial issues and an awareness of current events, which are nothing more than a continuation of the American story through the present.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM AMERICAN HISTORY REQUIREMENT.

HONS 1301-H01	<i>The Power of Comics: The Cultural Value of Sequential Art</i>	(CRN# 33065)	Prof. R. Weiner	MWF 9:00-9:50 AM
HONS 1101-H12	<i>LCG Group (Co-requisite)</i>	(CRN# 35858)	Student Mentors	W 4:00-5:20 PM

The combination of visual and textual language to communicate a concept or a story has a long history dating back to the first time someone drew on caves. Comics, as we know them today, date back to the late 1800s and have a tremendous impact on worldwide culture. What was once thought of as a "throwaway" medium harmful to children is now a popular culture staple. Films based on comic book properties abound; graphic novels fill library and bookstore shelves; and digital comics are widespread. Sequential art has truly become a transmedia experience. This course looks at the history and cultural impact of comics in all forms from the early newspaper strips to today's blockbuster superhero films. Other topics explored include: the comic industry, fandom, genre, and how to read comics. This course will also be a primer for your college experience and explore the some of the challenges you may encounter.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.

HONS 1301-H02	<i>Windows on World War I</i>	(CRN# 33945)	Prof. J. Brink	TR 9:30-10:50 AM
HONS 1101-H15	<i>LCG Group (Co-requisite)</i>	(CRN# 35861)	Student Mentors	T 4:00-5:20 PM

This course is a seminar on themes (windows) in World War I (1914-1918). This, "the war to end all wars", was a major watershed in the Western World. Massive armies of conscript soldiers employed and suffered from sophisticated and terrible technology. Yet the conduct of the war, especially on the Western Front, was for the most part static along a 450 mile line from the North Sea to Switzerland. During periods of inactivity, soldiers wrote, sang, and drew, expressing their feelings and reactions to this human catastrophe in ways which ennobled them as soldiers and as humans and which have left a wondrous record of their experiences. Beginning with an in-depth section of lecture and discussion of the history of the war, we will probe the social and literary history of soldiers on the Western Front. The remainder of the course will consist of class presentations and written reports. Topics will be selected during the first weeks of the term.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.

HONS 1302-H02	<i>From the Big Bang to Breaking Bad: Why Chemistry Matters</i>	(CRN# 37052)	Prof. D. Pappas	MWF 10:00-10:50 AM
HONS 1101-H18	<i>LCG Group (Co-requisite)</i>	(CRN# 35864)	Student Mentors	T 4:00-5:20 PM

This course covers the role chemistry plays as a central science in modern society as well as its historical context. Students will learn how chemistry impacts all aspects of nature, from the cosmos, to everyday consumer goods, to works of art and war. The course covers fundamental chemical concepts and theories necessary to provide an understanding and appreciation for the chemical processes and products that drive society and nature alike. Students will learn from primary texts—including works of literature—and will gain an understanding of chemical concepts and their applications.

HONS 1303-H01	<i>Geography, History, Culture, and Conflict</i>	(CRN# 33462)	Prof. G. Elbow	MWF 11:00-11:50 AM
HONS 1101-H14	<i>LCG Group (Co-requisite)</i>	(CRN# 35860)	Student Mentors	T 4:00-5:20 PM

Why did Russia invade Ukraine? Should the U.S. have restored relations with Cuba and signed an agreement on nuclear weapons with Iran? Is China's expansion into the South China Sea a threat to U.S. interests in the region? Why did the Arab spring fail to bring more democratic governments to power? What accounts for the rise of ISIS in Syria and Iraq? How should developed nations deal with migrants from less developed countries? We will look for answers to the questions posed and try to identify patterns that help us understand the origins of international conflicts and evaluate the prospects for resolving them.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

HONS 1303-H02	<i>The Politics, Religion, and History of the Modern Middle East</i>	(CRN# 37309)	Prof. J. Hodes	MWF 3:00-3:50 PM
HONS 1101-H21	<i>LCG Group (Co-requisite)</i>	(CRN# 35867)	Student Mentors	T 4:00-5:20 PM

This course seeks to introduce students to some of the major political, religious, and historical and events which have shaped and created the modern Middle East. It begins prior to the modern period by providing background on the creation of Islam through an examination of the Prophet Muhammad, the Quran and the Islamic world that was created in the aftermath of the Prophet's death. The course quickly moves to the modern period with an examination of the gunpowder empires that reigned for centuries, and their eventual decline. It examines the impact of that decline and how the penetration of the "West" into the Arab heartland brought forth conflict and internal divisions that are still being played out. While the "West" did have a tremendous influence on the region, the reaction to the influence was diverse. Some leaders such as Ataturk moved towards secularization and away from religion, while others such Muhammad ibn 'Abd Al-Wahhab moved away from secularization towards fundamentalism. Others, such as Muhammad Abdu, sought to find a middle ground between traditional Islam and modernity. Through an analysis of politics, religion, history, and conflict, this course seeks to examine some of the major reactions to the challenge of modernity and the impact those reactions had on various populations throughout the region. During this multi-pronged examination, a number of themes such as modernity, reform, nationalism, European colonialism, the Arab Israeli conflict, secular political movements, radical Islam, and the Middle East after 9/11 will be explored to set the lectures in a broad context.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

HONS 1304-H04	<i>Music and Globalization</i>	(CRN# 35968)	Prof. S. Hughes-Brinker	MWF 1:00-1:50 PM
HONS 1101-H16	<i>LCG Group (Co-requisite)</i>	(CRN# 35862)	Student Mentors	W 4:00-5:20 PM

This course is designed to introduce students to musical traditions from a variety of cultures and to give students understanding and insight into how globalization has shaped and continues to shape our sonic landscapes. Students will study Palestinian protest music, global hip hop, reggae, flamenco, and other musical traditions that are a reflection of cultural exchanges (cultural, political, and religious). Students will examine the role of geography, technology, and transportation in the evolution of music across time and culture. By the end of the semester, participants will be able to identify and discern music representative of distinctive subcultures of music, and will better understand the ways in which the human condition is expressed through music.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

HONS 1304-H05	<i>Botanical Illustrations</i>	(CRN# 37431)	Prof. S. Tomlinson	R 2:00-4:50 PM
HONS 1101-H17	<i>LCG Group (Co-requisite)</i>	(CRN# 35863)	Student Mentors	W 4:00-5:20 PM

Did you know that some of the most dangerous exploration in history was in search of plants? Nineteenth century plant hunters and illustrators braved sea voyages, rides on pack mules, inclement weather, regional wars, bandits, sickness, and even death to bring you that *Schlumbergera* you gave your mother for Christmas. Take a walk on the wild side and learn the surprising stories behind some familiar plants as we practice the art of botanical illustration. This course is for artists and non-artists alike, and is excellent training for pre-med and engineering majors because of its focus on scientific accuracy and detailed observation.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

HONS 1304-H06	<i>Creative Processes</i>	(CRN# 33972)	Prof. A. Wilkinson	M 3:00-5:50 PM
HONS 1101-H25	<i>LCG Group (Co-requisite)</i>	(CRN# 37970)	Student Mentors	T 4:00-5:20 PM

No one can teach you to be creative. No one needs to. We are—each and every one of us—creative by virtue of being human. But we can learn to be better at creative work by understanding the creative process. Through readings, group and individual projects, and seminar discussion, you will develop a vision of the creative process, learn to identify blocks to that process, and acquire techniques for getting you unblocked. The course is not just about art but about creative thinking and habits that are applicable to all human endeavors.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

HONS 2406-H01	<i>Honors Integrated Science II: Biogeography</i>	(CRN# 14928)	Prof. M. San Francisco Prof. D. Nellis	MWF 9:00-9:50 AM
HONS 2406-H51	<i>No-Credit Lab</i>	(CRN# 20199)	Prof. M. San Francisco	R 2:00-4:50 PM
HONS 1101-H19	<i>LCG Group (Co-requisite)</i>	(CRN# 35865)	Student Mentors	T 4:00-5:20 PM

This course will cover broad aspects of geographical and environmental importance, and the roles of microorganisms in the environment. Examples of topics that will be discussed are solar radiation, atmosphere, climate change, environmental and ocean pollution, and permafrost. These topics will be discussed in the context of microbial activity that can influence and are influenced by these phenomena. Students will be provided readings from the literature and the current newspapers. These readings will be used in classroom discussions and debate. Students will also make group presentations and provide written material to assess their understanding.

THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

HONS 2406-H02	<i>Honors Integrated Science II: Mighty Microbes</i>	(CRN# 34410)	Prof. C. Kruczek	TR 9:30-10:50 AM
HONS 2406-H52	<i>No-Credit Lab</i>	(CRN# 34411)	Prof. C. Kruczek	W 5:30-8:20 PM
HONS 1101-H20	<i>LCG Group (Co-requisite)</i>	(CRN# 35866)	Student Mentors	T 4:00-5:20 PM

Microbes influence everyday life; in fact, humans possess more microbial cells than “human” cells. Throughout this course, students will examine the multiple roles that microbes play and how microbes can both benefit and harm the human host. Students will be introduced to basic concepts pertaining to the epidemiology of infectious diseases and public health measures. The influence of widespread microbial diseases on human history, economics, and politics will also be explored.

THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

MATH 2300-H01	<i>Statistical Methods</i>	(CRN# 32628)	Prof. L Ellingson	TR 2:00-3:20 PM
HONS 1101-H22	<i>LCG Group (Co-requisite)</i>	(CRN# 35868)	Student Mentors	T 4:00-5:20 PM

Methods of analyzing data, statistical concepts and models, estimation, tests of significance, introduction to analysis of variance, linear regression, and correlation.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.

PHIL 2310-H01	<i>Logic</i>	(CRN# 37179)	Prof. J. Velasco	MWF 10:00-10:50 AM
HONS 1101-H23	<i>LCG Group (Co-requisite)</i>	(CRN# 35869)	Student Mentors	T 4:00-5:20 PM

Factoring a large number, putting a huge list of names in alphabetical order, or solving a Sudoku problem: each is an example of the kind of problem that can clearly be formalized and solved in a rote manner if you know the right method, or better, if you have access to the right computer program. But is every problem like that? What about analyzing the latest telescope data or even analyzing an editorial in the newspaper? Does the same logic underlie every type of problem? In this class, we will study notions like logical reasoning, logical consequence, and proof, and learn how to prove what follows (or doesn't follow) from what. Along the way, we will look at the scope and the limits of logic. To do this, we will see how logic connects with the real world (which we will explore through the history of the computer) and how it might extend into the most abstract of concepts such as the notion of infinity.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.

PSY 1300-H01	<i>General Psychology</i>	(CRN# 15084)	Prof. J. Clopton	TR 9:30-10:50 AM
HONS 1101-H24	<i>LCG Group (Co-requisite)</i>	(CRN# 35870)	Student Mentors	W 4:00-5:20 PM

Have you ever wondered why people do the things they do? Have you ever wondered why they think the way they think? This course is designed to introduce the field of psychology and its many topics, theories, and contributions to understanding human behavior and thought. Application of psychology to various aspects of everyday life, investigation of the impact of culture on psychological processes, and critical analysis of research will be emphasized. Topics will include emotion, motivation, sensation and perception, personality formation, social behavior, intelligence, and psychological disorders. This course is an engaging, fun, and thought-provoking course that has real-life applicability in virtually every discipline.

THIS COURSE FULFILLS 3 HOURS OF THE CORE SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.

FALL 2016 FIRST-YEAR EXPERIENCE COURSES AND LEARNING COMMUNITY GROUPS

FULL/CLOSED courses are listed in red text.

ARCH 1311-H01	Design, Environment, and Society Prof. U. Flueckiger MW 10:00-11:20 AM LCG: HONS 1101-H01 W 4:00-5:20 PM
CHEM 1307-H01	Principles of Chemistry I Prof. D. Casadonte TR 9:30-10:50 AM LCG: HONS 1101-H08 W 4:00-5:20 PM
CLAS 2304-H01	The Ancient World: Prophets, Warriors, Poets Prof. D. Larmour MWF 12:00-12:50 PM LCG: HONS 1101-H02 W 4:00-5:20 PM
ECO 2302-H01	Principles of Economics II Prof. R. Al-Hmoud TR 11:00 AM-12:20 PM LCG: HONS 1101-H03 W 4:00-5:20 PM
ENGL 2305-H01	Introduction to Poetry: Studies in Poetry: Self and World Prof. W. Wenthe TR 11:00 AM-12:20 PM LCG: HONS 1101-H04 W 4:00-5:20 PM
ENGL 2307-H01	Introduction to Fiction: Hard-Boiled Crime Fiction Prof. M. Borshuk TR 2:00-3:20 PM LCG: HONS 1101-H05 T 4:00-5:20 PM
ENGR 1315-H01	Introduction to Engineering Prof. J. Dannemiller TR 11:00 AM-12:20 PM LCG: HONS 1101-H06 W 4:00-5:20 PM
ENGR 1315-H02	Introduction to Engineering Prof. J. Dannemiller MWF 1:00-1:50 PM LCG: HONS 1101-H07 W 4:00-5:20 PM
GEOG 2300-HS1	Introduction to Human Geography: Service Learning Section Prof. G. Elbow MWF 8:00-8:50 AM LCG: HONS 1101-H09 W 4:00-5:20 PM
HDFS 2322-H01	Partnering: Development of Intimate Relationships Prof. S. Thomas-Jackson MWF 11:00-11:50 AM LCG: HONS 1101-H11 T 4:00-5:20 PM
HIST 2300-H01	History of the U.S. to 1877 Prof. G. Bell TR 11:00 AM-12:20 PM LCG: HONS 1101-H13 T 4:00-5:20 PM
HIST 2301-H01	History of the U.S. Since 1877 Prof. J. Milam TR 2:00-3:20 PM LCG: HONS 1101-H10 T 4:00-5:20 PM
HONS 1301-H01	The Power of Comics: The Cultural Value of Sequential Art Prof. R. Weiner MWF 9:00-9:50 AM LCG: HONS 1101-H12 W 4:00-5:20 PM
HONS 1301-H02	Windows on World War I Prof. J. Brink TR 9:30-10:50 AM LCG: HONS 1101-H15 T 4:00-5:20 PM
HONS 1302-H02	From the Big Bang to Breaking Bad: Why Chemistry Matters Prof. D. Pappas MWF 10:00-10:50 AM LCG: HONS 1101-H18 T 4:00-5:20 PM
HONS 1303-H01	Geography, History, Culture, and Conflict Prof. G. Elbow MWF 11:00-11:50 AM LCG: HONS 1101-H14 T 4:00-5:20 PM
HONS 1303-H02	The Politics, Religion, and History of the Modern Middle East Prof. J. Hodes MWF 3:00-3:50 PM LCG: HONS 1101-H21 T 4:00-5:20 PM
HONS 1304-H04	Music and Globalization Prof. S. Hughes-Brinker MWF 1:00-1:50 PM LCG: HONS 1101-H16 W 4:00-5:20 PM
HONS 1304-H05	Botanical Illustrations Prof. S. Tomlinson R 2:00-4:50 PM LCG: HONS 1101-H17 W 4:00-5:20 PM
HONS 1304-H06	Creative Processes Prof. D. Wilkinson M 3:00-5:50 PM LCG: HONS 1101-H25 T 4:00-5:20 PM
HONS 2406-H01	Honors Integrated Science II: Biogeography Prof. M. San Francisco, Prof. D. Nellis MWF 9:00-9:50 AM LCG: HONS 1101-H19 T 4:00-5:20 PM
HONS 2406-H02	Honors Integrated Science II: Mighty Microbes Prof. C. Kruczek TR 9:30-10:50 AM LCG: HONS 1101-H20 T 4:00-5:20 PM
MATH 2300-H01	Statistical Methods Prof. L. Ellingson TR 2:00-3:20 PM LCG: HONS 1101-H22 T 4:00-5:20 PM
PHIL 2310-H01	Logic Prof. J. Velasco MWF 10:00-10:50 AM LCG: HONS 1101-H23 T 4:00-5:20 PM
PSY 1300-H01	General Psychology Prof. J. Clopton TR 9:30-10:50 AM LCG: HONS 1101-