



TEXAS TECH UNIVERSITY  
**Honors College™**

First Year Experience (FYE)  
FALL 2020 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](mailto: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 entering the Honors College in Fall 2017 or later must maintain a TTU GPA of 3.5 to remain in the Honors College and graduate with either of the above 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 2020 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.**

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

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 20<sup>th</sup> 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 which we dwell.

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

<b>CLAS 2304-H01</b>	<b><i>The Ancient World: Prophets, Warriors, Poets (Hybrid*)</i></b>	<b>(CRN# 37065)</b>	<b>Prof. W. Tortorelli</b>	<b>TR 11:30-12:30 PM</b>
<b>HONS 1101-H17</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35863)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

This year's theme in CLAS 2304: Poets, Warriors, Prophets is "Madness and Wine in the Ancient World." The ancient Greeks founded their civilization as an exercise of reason and rationality, but their writings show an equal fascination with the irrational: for every Apollo a Dionysus. Their poetry, their religion, their philosophies...all pay equal honor both to reason and to madness and intoxication.

In order to examine this apparent paradox, this course will sample some foundational Greek and Roman writings on madness, including Plato, Euripides, Aeschylus, and the archaic lyric poets, as well as modern scholarship starting from Nietzsche. We will consult scientific theories of mental illness and the effects of psychoactive intoxicants. Topics to be discussed will include the importance of wine in Greek and Roman culture, the role of irrational thought in Greek mythology and religion, the Eleusinian cult mysteries, the roots of drama in Dionysian cult worship, Mania during and after war, and the presence of madness at the heart of all personal poetry and art.

Course methodologies will cross the lines between literary study, philosophy, anthropology, history, psychology, molecular biology, and neuroscience. All readings will be in English, but many ancient Greek terms will be learned.

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

<b>ECO 2305-H01</b>	<b><i>Principles of Economics (Hybrid*)</i></b>	<b>(CRN# 38849)</b>	<b>Prof. R. Al-Hmoud</b>	<b>TR 9:30-10:50 AM</b>
<b>HONS 1101-H03</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35849)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

An abridged course for students not majoring in economics. Covers the most significant portions of ECO 2301 and ECO 2302 (micro- and macro-economics), with emphasis upon monetary and fiscal policy. Credit will not be given for both ECO 2305 and ECO 2302.

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

<b>ENGL 2391-H01</b>	<b><i>Introduction to Literary Studies (Hybrid*)</i></b>	<b>(CRN# 24990)</b>	<b>Prof. K. Caswell</b>	<b>TR 12:30-1:50 PM</b>
<b>HONS 1101-H04</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35850)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

**Prerequisite:** B- or better in ENGL 1301 and ENGL 1302.

Bears are cool. In autumn in the Rocky Mountains, grizzly bears can subsist primarily on cutworm moths. A mother black bear will sometimes send her cubs up a tree while she goes out to search for food; such trees are called “babysitter trees.” Polar bears cubs are so small, writes Barry Lopez in *Arctic Dreams*, that “the female can hide one in the rolled toes of her front paw.” Bears are wanderers, too, traveling miles and miles, out of curiosity, and without tiring. And bears have long been regarded as kin to humans, some indigenous cultures even centering their ceremonial and religious life around bears (the Ainu of northern Japan, for example). Yeah.

And so, because bears are cool, in this course, we are going to learn to write by writing (and reading) about bears. We will explore how and why human beings fear and love bears at the same time: they appear in our literature and movies most often as either ferocious “maneaters,” or innocent and cuddly friends. We’ll ask why some humans have wandered off to live with bears, instead of living with other humans. We’ll ask: what do we need from bears, and what do bears need from us? Through our inquiry, perhaps we’ll come to know ourselves better as an animal, and come to know something of what we lost when we moved from nomadic and agrarian life, in which animals (wild and domestic) were part of everything we did, to urban life devoid and even hostile toward animals.

Ultimately, this is a course in argumentative writing, and so we will focus our efforts on mastery of the argumentative essay. We will learn and study the form, and we will practice writing the form. Repetition is the path to our goal. To this end, we’ll write our essays in response to four major literary genres— poetry, drama, nonfiction, and fiction. *This course is reading and writing intensive.*

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

<b>ENGR 2392-H02</b>	<b><i>Engineering Ethics and Its Impact on Society (Face-to-face*)</i></b>	<b>(CRN# 42999)</b>	<b>Prof. R. Burgess</b>	<b>TR 12:30-1:50 PM</b>
<b>HONS 1101-H06</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35852)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

In this section of ENGR 2392, students will explore important ethical concepts and issues in engineering and computer science. Assignments and discussions will focus on the connection between conceptual analysis and day-day professional practice. Students will be asked to describe the nature and extent of their professional obligations. Contemporary challenges will be examined along with methods of ethical analysis. Students should walk away with a better appreciation of the ethical foundations of computer science and engineering as well as with useful tools for ethical analyses.

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

<b>HIST 2300-H01</b>	<b><i>History of the U.S. to 1877 (Hybrid*)</i></b>	<b>(CRN# 14852)</b>	<b>Prof. R. Verrone</b>	<b>TR 9:30-10:50 AM</b>
<b>HONS 1101-H08</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35854)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

*Note: HIST 2300 is not required before HIST 2301.*

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 AMERICAN HISTORY REQUIREMENT.**

<b>HIST 2301-H01</b>	<b><i>History of the U.S. Since 1877 (Hybrid*)</i></b>	<b>(CRN# 14859)</b>	<b>Prof. J. Milam</b>	<b>TR 3:30-4:50 PM</b>
<b>HONS 1101-H07</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35853)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

*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 AMERICAN HISTORY REQUIREMENT.**

<b>HIST 2301-H02</b>	<b><i>History of the U.S. Since 1877 (Face-to-face*)</i></b>	<b>(CRN# 28390)</b>	<b>Prof. R. McBee Prof. J. Willett</b>	<b>TR 11:00 AM-12:20 PM</b>
<b>HONS 1101-H05</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35851)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

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 AMERICAN HISTORY REQUIREMENT.**

<b>HONS 1301-H01</b>	<b><i>In Search of Texas Beauty: An Exploration of the Natural and Literary History of Apples (Hybrid*)</i></b>	<b>(CRN# 33065)</b>	<b>Prof. B. Giemza</b>	<b>TR 9:30-10:50 AM</b>
<b>HONS 1101-H12</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35858)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

Texas Beauty is one of sixty-some apples varieties developed in Texas, now presumed “extinct.” But is it really? In this course you will learn how to research by going in search of Texas Beauty, literally and symbolically. We will explore such topics as the meaning of sweetness, definitions of beauty, and supply chains and foodways. Our quest, in addition to rediscovering lost Texas apples, is to understand the significance of apples to American history and literature. Additionally, we work with Prof. Tomlinson, an expert botanical illustrator, to learn how to see the natural world in new ways. As part of learning to see, we will utilize the Sowell Collection. And we will consult with the world’s leading expert on apples as we consider how to rediscover Texas Beauty.

The emphasis on careful observation means that this interdisciplinary course might be valuable to those interested in biology and pre-med courses of study, as well as the environment, literature, humanities, and the critical thinking skills needful for graduate study. Significant components include class discussions, writing, research (including archival research), and possible field trips.

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

<b>HONS 1301-H02</b>	<b><i>The Power of Science Fiction and Science: History, Literature, Film, Sequential Art, Superheroes, and the Scientific Method (Hybrid*)</i></b>	<b>(CRN# 33945)</b>	<b>Prof. J. Carrell Prof. R. Weiner</b>	<b>TR 12:30-1:50 PM</b>
<b>HONS 1101-H13</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35859)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

Science fiction has a long history in literature, film, television, and sequential art. The idea is that somewhere in our fictional storytelling there can be a scientific and technological basis for what occurs in the story. This course explores stories, films, sequential art, writers, and superheroes in the science fiction genre through a scientific context. What do the stories and films of the past predict about the future? Were these creators correct about their visions of the future? How did they use science in their storytelling? How do the inventions of fiction have basis in the scientific method? We will discuss these questions and also show how popular fiction in its various formats can be a form of social history which tells us just as much about the time it was created as it does about the future. This course is reading intensive.

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

<b>HONS 1301-H03</b>	<b><i>College: Its Role in Social Change and Student Activism (Hybrid*)</i></b>	<b>(CRN# 21978)</b>	<b>Prof. D. Louis</b>	<b>TR 11:00 AM-12:20 PM</b>
<b>HONS 1101-H15</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35861)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

This course is an examination of the development of the American system of higher education, including its origins, major trends/developmental periods, and distinctive features. However, higher education will also be examined as a force of social change and the role of student activism has had in shaping the American landscape.

Education has always been a crucial commodity in America; and higher education in particular has been a reflection of the desires, philosophies, beliefs, needs and thoughts of the American people. Its evolution parallels that of the nation’s development including many inspirational periods as well as those that were difficult and contentious. Many times college campuses were the crucibles of social thought and social movements; and events occurred on them that spurred significant social change. This course explores some of the major events that transpired on American college campuses, since the inception of Harvard in 1636 to today, which transformed and shaped who we are as a nation. The course combines the history of higher education with societal evolution all while examining them through the lenses of various critical theories.

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

<b>HONS 1304-H02</b>	<b><i>The Choreography of Human Interactions: The Doctor's Bedside Manner, Business Presentations, and Teamwork (Hybrid*)</i></b>	<b>(CRN# 24835)</b>	<b>Prof. T. Calamoneri</b>	<b>TR 11:00 AM-12:20 PM</b>
<b>HONS 1101-H02</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35848)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

"Movement never lies," said pioneering choreographer Martha Graham. Her father was a psychiatrist who studied movement as the barometer of emotions. Dancer Warren Lamb studied gesture as a measure of decision-making style. Human interaction is enacted through subtle gestures and body language, and trust is built through a delicate dance of non-verbal communication. This course is an introduction to movement studies that teaches students to become more aware of their own bodies and the imperceptible messages they project. We study basic principles of movement, including space, tempo, effort, and shape, as well as ensemble exercises that teach students how to read one another's actions while maintaining a group flow. The applications are many, from cultivating a doctor's bedside manner, to finding the right presentational tone for the perfect pitch, to developing the collaboration skills for successful team projects. Students learn how to control their physical instrument in order to project their goals confidently.

*Please note: Though no prior dance experience is required, students will be expected to learn dance basics and perform in class.*

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

<b>HONS 1304-H04</b>	<b><i>Soundscapes: Exploring the World Through Music (Hybrid*)</i></b>	<b>(CRN# 35968)</b>	<b>Prof. S. Hughes-Brinker</b>	<b>TR 11:00AM -12:20 PM</b>
<b>HONS 1101-H20</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35866)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

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 CREATIVE ARTS REQUIREMENT.**

<b>HONS 1304-H05</b>	<b><i>Introduction to Symphony (Hybrid*)</i></b>	<b>(CRN# 37431)</b>	<b>Prof. C. Hepburn</b>	<b>TR 3:30-4:50 PM</b>
<b>HONS 1101-H14</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35860)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

What do Mozart, Beethoven, and Brahms all have in common? Not only are they considered three of the most important composers in music history, but each of them composed some of the most significant symphonies that changed the course of the symphonic tradition. This introductory course is designed to widen your knowledge of styles, terminology, culture, and composers associated with the symphonic tradition. No formal music training is required.

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

<b>HONS 1304-H06</b>	<b><i>Creative Processes (Hybrid*)</i></b>	<b>(CRN# 33972)</b>	<b>Prof. A. Wilkinson</b>	<b>M 2:00-4:50 PM</b>
<b>HONS 1101-H21</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35867)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

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 CREATIVE ARTS REQUIREMENT.**

<b>HONS 1304-H07</b>	<b><i>Global Pop: Music from 1980 to the Present (Hybrid*)</i></b>	<b>(CRN# 39968)</b>	<b>Prof. C. Hepburn</b>	<b>MWF 1:00-1:50 PM</b>
<b>HONS 1101-H22</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35868)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

On August 1, 1981, MTV debuted with a phrase that would change the way people looked at music forever: “Ladies and Gentlemen, rock and roll.” In this course, we will survey music from the emergence of MTV to the present while taking into consideration the sociology of music during this time. The course will include lecture, active listening, in-class activities and discussion, and reflective writing. No music training is required.

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

<b>HONS 1304-H08</b>	<b><i>Popular Music in the United States: A Cultural History (Hybrid*)</i></b>	<b>(CRN# 40126)</b>	<b>Prof. S. Hughes-Brinker</b>	<b>TR 2:00-3:20 PM</b>
<b>HONS 1101-H09</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35855)</b>	<b>Student Mentors</b>	<b>W 4:00-5:20 PM</b>

From the beginning of the blues to Buddy Holly, Beyoncé, and beyond, music serves as the backbeat to American culture. In this course, we will examine the sounds, settings, and significance of the soundtrack to the United States from the era of minstrel music through present day. Together, we will consider the ways in which music intersects with American culture, economics, politics, and society. No formal musical training is required for this course—I will teach you how to analyze sound, write about music, and see songs as a mirror and history of culture.

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

<b>HONS 1304-H09</b>	<b><i>Music and Your Mind (Hybrid*)</i></b>	<b>(CRN# 40575)</b>	<b>Prof. P. Martens</b>	<b>MWF 11:00-11:50 AM</b>
<b>HONS 1101-H10</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35856)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

When Ali G asked Donald Trump “What is the most popular thing in the world?” his one-word answer was, “Music.” Trump was correct in thinking that music is, and always has been, pervasive in human culture. Moreover, there are few individuals who lack a strong connection to something musical, be it a favorite band, a meaningful song, or a melody that we hope to never hear again. This course will introduce students to the social, physiological, and psychological reasons behind these connections, shuttling back and forth between the universal and personal manifestations of music and our minds.

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

<b>HONS 2406-H01</b>	<b><i>Honors Integrated Science II: The Use and Abuse of Evolutionary Theory: An Odyssey in Science and Humanities (Hybrid*)</i></b>	<b>(CRN# 14928)</b>	<b>Prof. M. Johnson Prof. B. Giemza</b>	<b>TR 11:00 AM-12:20 PM</b>
<b>HONS 2406-H51</b>	<b><i>No-Credit Lab*</i></b>	<b>(CRN# 20199)</b>	<b>Prof. M. Johnson Prof. B. Giemza</b>	<b>TBD</b>
<b>HONS 1101-H18</b>	<b><i>LCG Group (Co-requisite) (Online)</i></b>	<b>(CRN# 35864)</b>	<b>Student Mentors</b>	<b>T 4:00-5:20 PM</b>

So, you think you know a thing or two about Darwin and evolution... but don't be too sure, as popular myths are surprisingly hard to dispel! This class, co-taught by Professors Johnson (Biology) and Giemza (Honors, Humanities), will make sure you've really got it pinned down in most entertaining ways. Together we'll look at some of the most common misconceptions about evolution, beginning with some primary reading in Darwin and original texts. Our odyssey will take us deep into the treasury of Tech's Sowell Collection and the work of David Quammen (*The Reluctant Mr. Darwin*), one of the most highly regarded popular science explainers of time. We will peruse the influence of evolutionary theory on contemporary writers such as novelist Cormac McCarthy (*The Road*) and poet/microbiologist Katherine Larson (*Radial Symmetry*). We'll consider why it's important to understand the misapplication of evolutionary theory in terms of social Darwinism and eugenics, and their bearing on the history of race and genocide. We'll end on an upbeat note by considering how the best of evolutionary theory is being applied in our time.

This seminar will speak to those interested in biology and pre-med, obviously, but you don't need to be a specialist and, in fact, the course is geared broadly toward the appreciation of humanities, literature, and the critical thinking skills needful for graduate study. Significant components include class discussions, writing, research (including archival research), and possible field trips. Unique experiences include time in Tech's herbarium and special collections, as well as potential facetime with some of the writers we read!

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

HONS 2406-H02	<i>Honors Integrated Science II: Why Chemistry Matters (Hybrid*)</i>	(CRN# 34410)	Prof. D. Pappas	MWF 11:00-11:50 AM
HONS 2406-H52	<i>No-Credit Lab*</i>	(CRN# 34411)	Prof. D. Pappas	W 5:30-7:20 PM
HONS 1101-H23	<i>LCG Group (Co-requisite) (Online)</i>	(CRN# 35869)	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.

*\*Students will complete lab coursework outside of class, on their own time, so attendance for the lab portion of the class is not mandatory.*

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

MATH 2300-H01	<i>Statistical Methods (Hybrid*)</i>	(CRN# 32628)	Prof. L. Ellingson	MWF 11:00-11:50 AM
HONS 1101-H24	<i>LCG Group (Co-requisite) (Online)</i>	(CRN# 35870)	Student Mentors	W 4:00-5:20 PM

**Prerequisite:** Score of at least 500 on the SATM and composite score of at least 1070; or score of at least 19 on the ACTM and composite score of at least 23; or grade of B- or better in MATH 0302 or TSI 0302.

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 MATHEMATICS REQUIREMENT.**

PSY 1300-H01	<i>General Psychology (Hybrid*)</i>	(CRN# 15084)	Prof. C. Richards	TR 11:00 AM-12:20 PM
HONS 1101-H26	<i>LCG Group (Co-requisite) (Online)</i>	(CRN# 39118)	Student Mentors	T 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.**

THA 2301-H01	<i>Introduction to Acting (Hybrid*)</i>	(CRN# 37146)	Prof. R. Nolen	TR 3:30-4:50 PM
HONS 1101-H27	<i>LCG Group (Co-requisite) (Online)</i>	(CRN# 39245)	Student Mentors	W 4:00-5:20 PM

All people are performers. Every day we “present” a different side of ourselves to the various persons with whom we come in contact. We are all skilled at a kind of “deception” which allows us to transform our voices and our bodies as needed to get what we want. As children, we learn what works and what doesn’t work in our interactions with adults. These become ingrained in us. In this course, we remind ourselves what our different sides consist of, we learn strategies for acquiring our needs, we learn to relate to each other, to sympathize and even empathize with people different from ourselves. We become better citizens in a global society. In the study of acting we learn to be better sociologists, psychologists, public speakers, athletes, managers, anthropologists, parents, children, and friends. In short, we learn much more about the human condition in order to reflect it to others.

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

*\*Hybrid: for the first 7 weeks of the semester, the course is held face-to-face; the remainder of the semester will be moved to online.*

## FALL 2020 FYE COURSE OFFERINGS BY CORE CREDIT

FULL/CLOSED courses are listed in red text.

### Mathematics

MATH 2300-H01 Statistical Methods | Prof. L. Ellingson | MWF 11:00-11:50 AM  
LCG: HONS 1101-H24 | W 4:00-5:20 PM

### Life and Physical Sciences

HONS 2406-H01 Honors Integrated Science II | Profs. M. Johnson and B. Giemza | TR 11:00 AM-12:20 PM  
HONS 2406-H51 Honors Integrated Science II Lab | Profs. M. Johnson and B. Giemza | **TBD**  
LCG: HONS 1101-H18 | T 4:00-5:20 PM

HONS 2406-H02 Honors Integrated Science II | Prof. D. Pappas | MWF 11:00-11:50 AM  
HONS 2406-H52 Honors Integrated Science II Lab | Prof. D. Pappas | W 5:30-7:20 PM  
LCG: HONS 1101-H23 | T 4:00-5:20 PM

### Language, Philosophy, and Culture

CLAS 2304-H01 The Ancient World: Prophets, Warriors, Poets | Prof. W. Tortorelli | TR 12:30-1:50 PM  
LCG: HONS 1101-H17 | W 4:00-5:20 PM

ENGL 2391-H01 Intro. to Literary Studies | Prof. K. Caswell | TR 12:30-1:50 PM  
LCG: HONS 1101-H04 | W 4:00-5:20 PM

ENGR 2392-H02 Engineering Ethics and Its Impact on Society | Prof. R. Burgess | TR 12:30-1:50 PM  
LCG: HONS 1101-H06 | W 4:00-5:20 PM

HONS 1301-H01 In Search of Texas Beauty | Prof. B. Giemza | TR 9:30-10:50 AM  
LCG: HONS 1101-H12 | W 4:00-5:20 PM

HONS 1301-H02 The Power of Science Fiction and Science | Profs. J. Carrell and R. Weiner | TR 12:30-1:50 PM  
LCG: HONS 1101-H13 | T 4:00-5:20 PM

HONS 1301-H03 College: Its Role in Social Change and Student Activism | Prof. D. Louis | TR 11:00 AM-12:20 PM  
LCG: HONS 1101-H15 | T 4:00-5:20 PM

### Creative Arts

HONS 1304-H02 Choreography of Human Interactions | Prof. T. Calamoneri | TR 11:00 AM-12:20 PM  
LCG: HONS 1101-H02 | W 4:00-5:20 PM

HONS 1304-H04 Soundscapes | Prof. S. Hughes-Brinker | TR 11:00 AM-12:20 PM  
LCG: HONS 1101-H20 | T 4:00-5:20 PM

HONS 1304-H05 Introduction to Symphony | Prof. C. Hepburn | TR 3:30-4:50 PM  
LCG: HONS 1101-H14 | W 4:00-5:20 PM

HONS 1304-H06 Creative Processes | Prof. A. Wilkinson | M 2:00-4:50 PM | Creative Arts  
LCG: HONS 1101-H21 | T 4:00-5:20 PM

HONS 1304-H07 Global Pop: Music from 1980 to the Present | Prof. C. Hepburn | MWF 1:00-1:50 PM | Creative Arts  
LCG: HONS 1101-H22 | T 4:00-5:20 PM

HONS 1304-H08 Popular Music in the United States: A Cultural History | Prof. S. Hughes-Brinker | TR 2:00-3:20 PM  
LCG: HONS 1101-H09 | W 4:00-5:20 PM

HONS 1304-H09 Music and Your Mind | Prof. P. Martens | MWF 11:00-11:50 AM  
LCG: HONS 1101-H10 | T 4:00-5:20 PM

THA 2301-H01 Intro. to Acting | Prof. R. Nolen | TR 3:30-4:50 PM  
LCG: HONS 1101-H27 | W 4:00-5:20 PM

## Social and Behavioral Sciences

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

ECO 2305-H01 Principles of Economics | Prof. R. Al-Hmoud | TR 9:30-10:50 AM  
LCG: HONS 1101-H03 | W 4:00-5:20 PM

PSY 1300-H01 General Psychology | Prof. C. Richards | TR 11:00 AM-12:20 PM  
LCG: HONS 1101-H26 | T 4:00-5:20 PM

## American History

HIST 2300-H01 History of the U.S. to 1877 | Prof. R. Verrone | TR 9:30-10:50 AM  
LCG: HONS 1101-H08 | W 4:00-5:20 PM

HIST 2301-H01 History of the U.S. Since 1877 | Prof. J. Milam | TR 3:30-4:50 PM  
LCG: HONS 1101-H07 | W 4:00-5:20 PM

HIST 2301-H02 History of the U.S. Since 1877 | Profs. R. McBee and J. Willett | TR 11:00 AM-12:20 PM  
LCG: HONS 1101-H05 | T 4:00-5:20 PM