Fall 2018
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 entering the Honors College prior to Fall 2017 must maintain a pure grade point average (GPA) of 3.25 to remain in the Honors College and graduate with either of the above Honors designations.
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.
Dear Honors Student,

Welcome to the Honors College course offerings booklet for the fall 2018 semester. Believe it or not, it’s time to begin working on your fall 2018 schedule! Honors students can begin registering via Raiderlink on Friday, April 6th (Honors seniors may register on Thursday, April 5th).

Honors 2nd, 3rd, and 4th year students will, for the most part, be exempted from mandatory advising this semester, although some may receive an email asking them to come in to discuss the completion of their Honors credit hours. Exempt students should request Honors course permits by emailing a Permit Request Form (currently found on the Honors College website under Advising > Course Information) to the Honors advisor. All Honors students will receive an email from the Honors College notifying them of their advising status and providing details on the advising/permit approval process particular to each.

Honors advising is mandatory for all Honors 1st year students, new admits, and those on probation, and the Honors registration hold for these students will not be moved forward until after in-person advising occurs. The Honors advising schedule will follow the timetable below:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Dates</th>
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<tbody>
<tr>
<td>Recently Admitted Students (Admitted to TTU before Fall 2017)</td>
<td>March 19th – 23rd</td>
</tr>
<tr>
<td>Probationary Students</td>
<td>March 19th – 23rd</td>
</tr>
<tr>
<td>Non-Progressing Students</td>
<td>March 19th – 23rd</td>
</tr>
<tr>
<td>1st Year Students</td>
<td>March 26th – April 6th</td>
</tr>
<tr>
<td>2nd, 3rd, 4th Year Students in Good Standing Who Want Guidance</td>
<td>March 12th-14th; April 9th-13th</td>
</tr>
</tbody>
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PLEASE DO NOT UTILIZE GRADESFIRST TO MAKE YOUR APPOINTMENT. Students required to come in for advising will receive an email from the Honors College providing a link to our online scheduling tool, Genbook, which is used for scheduling appointments. Genbook will be audited daily to ensure that all students’ appointments are made during the appropriate dates for their classification. Unauthorized appointments will be cancelled.

A list of all university classes to be offered in the fall term is available for students in the MyTech tab of Raiderlink (www.raiderlink.ttu.edu). Students should review both this booklet and the Tech course schedule on Raiderlink before the advising appointment and arrive with a completed fall 2018 schedule. The advising session will go quickly and smoothly if students will:

- Come prepared! Students will need to complete a Permit Request Form (currently found on the Honors College website under Advising > Course Information) by reviewing the university’s fall schedule and the Honors course booklet. Students without tentative schedules (including times/days of classes) will be asked to reschedule their advising appointment.
- If you have questions concerning your degree requirements or additional registration holds, schedule an appointment with your primary advisor prior to your visit with the Honors College.
- Arrive on time. Since your appointment will only be scheduled for a short time period, it is imperative that you arrive on time and prepared. If you arrive late for your appointment, you will be asked to reschedule.
- Cancel your appointment beforehand if you are unable to make it.

Remember that registration for fall courses must be completed by you on Raiderlink. Your Honors advisor will not enroll you in your fall courses. If you have any questions, please contact the Honors College at honors@ttu.edu.

-Honors College Advisors

Times, room numbers, and other course information are subject to change. Be sure to check the Fall 2018 Course Booklet and Raiderlink for changes.

Updated 03.02.2018
ACCT 2300-H01  Financial Accounting  (CRN# 20419)  Prof. Q. Lynn  MWF 2:00-2:50 PM

Prerequisites: Minimum 3.0 GPA, COBA and AGBS majors only, and a B- or better in any college-level mathematics course

Concepts and terminology of accounting and financial reporting for modern business enterprises and the relationships between accounting information and business activities.

ACCT 3307-H01  Income Tax Accounting  (CRN# 39613)  Prof. K. Bigbee  MWF 1:00-1:50 PM

Prerequisite: B- or better in ACCT 2300

A study in detail of certain provisions of the Internal Revenue Code combined with elementary tax planning in business and individual transactions.

ANSC 3301-H01  Principles of Nutrition  (CRN# 35897)  Prof. B. Johnson  MWF 10:00-10:50 AM

ANSC 3301-H70  Discussion  (CRN# 37477)  W 5:00-5:50 PM

Prerequisites: B- or better in ANSC 1401, CHEM 1305, or 1307

Nutritional roles of carbohydrates, proteins, lipids, minerals, vitamins, and water. Digestion, absorption, and use of nutrients and their metabolites.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

ANSC 3401-H01  Reproductive Physiology  (CRN# 10532)  Prof. S. Prien  MW 6:00-7:20 PM

ANSC 3401-H50  No-Credit Lab  (CRN# 10541)  W 1:00-2:20 PM

ANSC 3401-H70  Discussion  (CRN# 10548)  T 5:00-5:50 PM

Prerequisites: B- or better in ANSC 2202 and ANSC 2306 or ANSC 3405

Corequisites: ANSC 3401-H50 and ANSC 3401-H70

This course will provide students with an opportunity for an in-depth study of the reproductive process as it occurs in farm animals. This course differs from the regular section and will target highly motivated students with a unique integrated intellectual experience. As such, the fundamental aspects of reproductive physiology and management will be presented using a more interactive and personalized approach.

Topics covered in the course include male and female reproductive anatomy, endocrine glands, sex determination, cloning, artificial insemination, and embryo transfer.

BIOL 1403-H01  Biology I  (CRN# 13607)  Prof. M. Dini  MW 2:00-3:20 PM

BIOL 1403-H51  No-Credit Lab  (CRN# 13614)  R 2:00-4:50 PM

Note: Enrollment in this course is restricted to members of the Honors College.

Prerequisites: 1) One year of HS Biology and 2) freshmen must meet one of the following criteria: SAT of 1200, ACT of 26, or AP Biology score of 3. Instructor strongly recommends taking CHEM 1307 first.

Honors Biology I is designed especially with the sophomore life sciences major in mind. This course helps students build a strong foundation in cell biology, biochemistry, genetics (both molecular and classical), reproductive and developmental biology and evolutionary biology. Along with helping students construct a knowledge base in biology, the course will also challenge students to think about problems as biologists think about them. Rather than listening to lectures, students in this course will do their basic research/reading outside of class, whereas class time will be used to refine and clarify understanding, often in the context of small groups. Students in this course are expected to take a very active and responsible role in their education as biologists. This course has writing intensive requirements.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM NATURAL SCIENCES REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

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BIOL 3416-H01  Genetics (CRN# 39183)  TBD  MWF 3:00-3:50 PM
BIOL 3416-H51  No-Credit Lab (CRN# 39184)  TBD  TBD

**Prerequisite:** B- or better in BIOL 1401, BIOL 1402, or BIOL 1403.
Genetic principles with emphasis on mechanisms and problem solving. Includes a lab. (Writing Intensive)

BLAW 3391-H01  Business Law I (CRN# 35898)  Prof. J. Schuetzeberg  MWF 9:00-9:50 AM

**Prerequisites:** B- or better in ENGL 1301 and 1302 and a minimum 3.0 TTU GPA.
Nature and source of law, courts and procedure, contracts, Texas law of separate and community property.

CE 2301-H03  Statics (CRN# 29013)  Prof. R. Carter  TBD

**Prerequisites:** B- or better in MATH 1452 and PHYS 1408 (may be taken concurrently).
Equilibrium of particles and rigid bodies, friction, centroids, and moments of inertia.

CE 3303-H04  Mechanics of Solids (CRN# 33162)  Prof. A. Gurley  TBD

**Prerequisite:** B- or better in CE 2301 or ME 2301.
Theory of stress and strain in elastic and inelastic bodies subject to various conditions of loading.

CHEM 1305-H01  Chemical Basics (CRN# 36024)  Prof. J. Mason  MWF 1:00-1:50 AM

Note: Enrollment in this course is restricted to members of the Honors College.

**Corequisite:** CHEM 1105 strongly recommended.
A survey of basic chemical concepts, properties, and reactions.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM NATURAL SCIENCES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

CHEM 1307-H01  Principles of Chemistry I (Freshmen Only) (CRN# 14787)  Prof. D. Casadonte  TR 9:30-10:50 AM
CHEM 1307-H02  Principles of Chemistry I (Freshmen Only) (CRN# 35267)  Prof. D. Casadonte  TR 11:00 AM-12:20 PM
CHEM 1307-H03  Principles of Chemistry I (Freshmen Only) (CRN# 37619)  Prof. D. Casadonte  TR 12:30-1:50 PM
CHEM 1307-H04  Principles of Chemistry I* (CRN# 39869)  Prof. D. Casadonte  TR 2:00-3:20 PM

Note: Enrollment in this course is restricted to members of the Honors College. CHEM 1307-H01, CHEM 1307-H02, and CHEM 1307-H03 are freshman-only sections. *Students of non-freshman classification may enroll in CHEM 1307-H04.

**Prerequisites:** Grade of A- or better in CHEM 1301 or a passing score of at least 60% on the Chemistry Placement Exam or a grade of A+ in CHEM 1101; and 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 PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM NATURAL SCIENCES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

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Chemistry

Chemistry I (CRN# 14791) Prof. K. Hutchins MWF 10:00-10:50 AM

Note: Enrollment in this course is restricted to members of the Honors College.

Prerequisite: B- or better in CHEM 1308.

Corequisite: CHEM 3105 strongly recommended.

Organic chemistry, the chemistry of carbon compounds, underlies almost all the stuff of modern life, including combustion, biochemistry, food, pharmaceuticals, and plastics. The first semester course begins with the language of organic chemistry, the symbols and concepts that we use to describe, understand and predict the structure and bonding of organic molecules. We then discuss some of the fundamental reactions of organic molecules. The emphasis is on understanding simple reactions so they can be applied to more complex systems.

Catalog Year Prior to 2014: This course fulfills 3 hours of the core curriculum Technology and Applied Science requirement.

Catalog Year 2014-2015 and Later: This course does not fulfill a core curriculum requirement.

Comprehensive

Speaking for Business (CRN# 36088) TBD TR 8:00-9:20 AM

Verbal and nonverbal elements of oral communication are emphasized. Practice is provided in skills and principles associated with presentations, interviews, and meetings. The course fulfills the Oral Communication component of the University's General Education requirements. The course is based on research evidence and business trends indicating that in addition to fundamental effectiveness in communication skills, quality presentation-making is one of the most prevalent and important job tasks in careers today. In light of this, presentation assignments in the course stress basic skills of idea generation, message development, and message delivery.

This course fulfills 3 hours of the core curriculum oral communication requirement.

Engineering

Engineering Graphics: Software A (CRN# 12190) Prof. J. Carrell MW 10:00-11:50 AM

Prerequisite: Must be accepted to the Whitacre College of Engineering.

For students majoring in mechanical and industrial engineering. Provides a background in orthographic projection, selected topics of descriptive geometry, engineering drawing techniques, and computer-aided design and drafting software.

Professional Communication for Engineers (CRN# 37622) Prof. S. Millerick TR 9:30-10:50 AM

Prerequisite: B- or better in ENGL 1302.

Rhetorical theory and conventions applied to communication strategies for engineering practice in the global workplace, addressing collaboration, ethical situations, community service, and electronic communication.

This course fulfills 3 hours of the core curriculum oral communication requirement.

Engineering Ethics and Its Impact on Society (CRN# 36420) Prof. R. Burgess MWF 9:00-9:50 AM

In this section of ENGR 2392 (formerly ENGR 4392), students will be expected to explore important ethical concepts and current engineering issues in-depth. Assignments and discussions will focus on the connection between conceptual analysis and day-day engineering practice. Students will be asked to describe the nature and extent of their obligations as engineers. Contemporary challenges in engineering practice will be explored along with methods of ethical analysis. Students should walk away with a better appreciation of the ethical foundations of engineering as well as with useful tools (such as the cross-impact analysis) for ethical analyses.

Catalog Year Prior to 2014: This course fulfills 3 hours of the core curriculum Humanities requirement.

Catalog Year 2014-2015 and Later: This course fulfills 3 hours of the core curriculum Language, Philosophy, and Culture requirement.
EVHM 3306-H01  
Course Readings in Natural History: Readings from the Sowell Collection  
(CRN# 39896)  
Prof. D. Warner  
MWF 10:00-10:50 AM  
SEMINAR

Texas Tech’s Southwest Collection/Special Collections Library is the repository of The James Sowell Family Collection in Literature, Community, and the Natural World. The collection includes the papers of many of the greatest natural history writers of the 20th and 21st century. Readings from the Sowell Collection will allow us to explore the writers’ works and to examine the “history” that came before the publications, that is, the drafts, journals, research, letters, and other artifacts in their manuscript collections. We will read short stories, memoirs, poetry, and pieces employing both humor and scientific journalism. We will watch films produced by and about the writers. Students in the course will write critically and creatively about these books, as well as complete an independent study of the life and work of one or more Sowell writers. This course is reading and writing intensive.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HIST 4348-H01  
The Renaissance  
(CRN# 39513)  
Prof. S. D’Amico  
MWF 2:00-2:50 PM  
SEMINAR

Prerequisite: Junior standing or consent of instructor.
Cultural and political history of Italy, France, and England from 1300-1600; the “rebirth” of wisdom through art, architecture, literature, music, economics, and religion.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 1304-H02  
Introduction to Symphony  
(CRN# 24835)  
Prof. C. Hepburn  
TR 2:00-3:20 PM

What do Mozart, Beethoven, and Brahms all have in common? Not only are the considered three of the most important composers in music history, but each of them also composed some of the most significant symphonies that changed the course of the symphonic tradition. In this course, we will define the genre of the symphony and discuss its evolution from the Baroque period to the 20th century. Highlights of the course will include attendance of live performances of the TTU Symphony Orchestra, the Lubbock Symphony Orchestra, and special visits by professional orchestra members and conductors!

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

HONS 1304-H03  
Mozart and the Age of Revolution  
(CRN# 35907)  
Prof. S. Jocoy  
TR 2:00-3:20 PM

This course will examine the life and music of one of music history’s most fascinating composers, Wolfgang Amadeus Mozart, featuring live performances from guest artists, focusing on the aesthetic, philosophical, and political forces that shaped his music, as well as an examination of selected works. Our goal will be to explore various methodologies (e.g., biography, compositional process, reception history) that will illuminate our understanding of this composer—not only as a rather eccentric musical figure, but also as an individual, a professional, and a myth. Topics will include Mozart as a child prodigy, the enlightenment, eighteenth-century operatic and symphonic practices, and Mozart in film.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

HONS 1304-H05  
History of West Texas Music  
(CRN# 37431)  
Prof. C. Peoples  
TR 5:00-6:20 PM

This course is a comprehensive history of music in the West Texas region. West Texas has a celebrated music history making it a premier location to study topics related to music and place. Students will explore topics such as history, process, place, style and identify as related to music. The music styles include brass band, gospel, rock and roll, country and western, Tejano, conjunto, blues, jazz, and other musical genres. Students will read materials related to music and place from a number of geographic areas and from varied theoretical frameworks.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

Updated 03.02.2018
This interdisciplinary seminar proposes an introduction to the study of the European culture through the masterpieces of its cinema. We will look at some of the most significant social, political, cultural and intellectual developments in 20th and 21st century Europe as seen through works by major European directors: Serguei Eisenstein, Jean Renoir, Vittorio de Sica, Andrei Tarkovsky, Luis Buñuel, Ingmar Bergman, Roberto Rossellini, Emir Kusturica, and others. Consistent with the Honors College’s philosophy, we will consider their films interdisciplinarily: both aesthetically, as works of art in and for themselves, but also as “windows” (distorting and enriching at the same time) through which we can have access to the world that these works come from, to their social, political, intellectual and artistic contexts. Such masterpieces testify to the immense richness and complexity of cinema as a medium: an art film always reveals itself as work of art, but it also speaks of wars and revolutions, anxieties and phantasms, major social upheavals, new philosophical ideas and artistic avant-gardes, scientific discoveries and paradigm shifts.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS OR MULTICULTURAL REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS. Prerequisite: Enrollment in the Honors College and approved Honors Thesis project application on file. Contact Chad Cain (chad.cain@ttu.edu) or Professor Kurt Caswell (kurt.caswell@ttu.edu) for an application or with any questions.

Contents will vary to meet the needs of students. Independent work under the individual guidance of a TTU faculty member, who must either be a member of the graduate faculty or approved by the Honors College’s Associate Dean (aliza.wong@ttu.edu).

This course will be an introduction to and survey of Buddhism from its inception in ancient India to its many varieties worldwide today. We will begin by examining the life of the Buddha in the setting of Indian culture of the time in order to understand how it relates to earlier Vedic religion and to the other movements beginning at the same time. In the second part of the course, we will investigate Theravada Buddhism by looking at the Pali Canon, the body of texts they preserved to the present day, as well as a few very early post-canonical works. During this phase of the course we will pay special attention to the distinction between the monastic life and the lay life, and examine the philosophical and doctrinal issues that were argued and finally settled in this period, especially the doctrines of dependent origination and no-self. Then, in the third part of the course, we will address the Mahayana and Vajrayana movements, with a view to understanding a) what in Theravada they were reacting to, and b) how they accommodated themselves to local religious practices. In this phase of the course we will examine the doctrines of emptiness and Buddha-nature – how they developed and were defended, how they played out in the various Mahayana sects, and how they changed the character of Buddhism in North and East Asia. Finally, in the fourth part of the course, we will spend some time looking at how Buddhism survives in the modern world, especially in Europe and the Americas. In all four segments of the course we will be concerned not only with what Buddhists believe, but also how they live. Recurring themes will include how Buddhist understanding of its central doctrines has changed; how Buddhism interacts with other religions as it moves around the world; and what is “essential Buddhism.”

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
HONS 3301-H04  Bridging the Gap Between the Sciences and the Humanities: Folklore  (CRN# 35988)  Prof. K. Ketner  TR 9:30-10:50 AM

One often encounters the assumption that there is an overwhelming separation between the sciences and the arts/humanities. This seminar will consider that alleged division and explore the hypothesis that the divide is an illusion. We will consider the possibility that these disciplines include unifying common features when viewed through the lens of interdisciplinary study of methods. Another feature of the seminar will be the opportunity to open a dialogue between these two grand aspects of human endeavor. For this semester, we will focus on the special topic of FOLKLORE. The study of folklore is an academic specialty with a long history. Its subject matter is relevant and active in both science and in the humanities. This course has writing intensive requirements.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

HONS 3302-H01  Patents, Innovation, and Science Policy  (CRN# 37781)  Prof. A. Smith  MWF 12:00-12:50 PM

Patents, Innovation and Science Policy is a topical course which covers scientific discoveries from research and development, intellectual property and patent application, licensing, to entrepreneurship. Innovations and biotechnology breakthroughs are leading to exponential growth in scientific capabilities, which have both market value and ethical considerations. Scientific discoveries shape patent landscape and vice versa, and this course will discuss taking an idea from inception to research and development to commercialization and applying for a patent through the United States Patent and Trademark Office. Students are inherently inventors, and this course will provide a marriage of scientific method and legal thinking to better equip students to develop into innovators. This writing intensive, interdisciplinary course will incorporate concepts from molecular biology, physical science and biotechnology, business and entrepreneurship, public policy, intellectual property, and patent law.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM TECHNOLOGY AND APPLIED SCIENCE REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

HONS 3302-H02  Early Clinical Experience  (CRN# 29877)  Prof. L. Johnson  MW 1:00-1:50 PM  W 2:00-4:50 PM

Note: Application to take this course is mandatory. Enrollment is limited to Honors students only. Eligible students must have junior standing by hours or be May/August/December 2020 TTU graduates (as shown on the Tech system) with steady progress made toward completion of medical school science requirements. Students must submit to a criminal background check and will need to pass a TB test prior to entry in the class. Applications are due by 5:00 PM on Friday, March 16th to sarah.timmons@ttu.edu in the Honors College.

This course block provides the framework for Pre-Med students to learn the fundamental concepts of the various roles and responsibilities of physicians. Learning occurs in several settings including classroom instruction, small group forums, and clinical settings. The students also explore ethical, cultural, psychological, and economic dimensions of clinical care through these various learning settings.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM TECHNOLOGY AND APPLIED SCIENCE REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
The 2015 reboot of the television program Mystery Science Theater 3000 (MST3K) became the largest crowd-funded video project in history. No small feat for a show that had its last broadcast 17 years ago in 1999. MST3K, a low-budget comedy program that made fun of and riffed on B-movies, aired on two major cable networks, one public access station, and produced a theatrical film in the span of eleven years (1988-1999). The show developed a fanatical following and is now considered by fans and critics as one of the funniest and smartest programs to ever grace the small screen. In today’s transmedia world the impact of riffing is all around us—from mash-ups on YouTube to fan-created cultures. This particular section of the “Icons of Popular Culture” seminar will focus on MST3K (and its various offshoots), the history of riffing (which pre-dates MST3K), comedy writing, fandom, and taking one form of art and creating something new and unique from it. Mystery Science Theater 3000: The Return (2017) is now a hit series on Netflix and has a 100% fresh rating on Rotten Tomatoes.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

Contents will very to meet the needs of students. Independent work under the individual guidance of a TTU faculty member, who must either be a member of the graduate faculty or approved by the Honors College’s Associate Dean (aliza.wong@ttu.edu).

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

Dangerous ship crossings, unknown and hostile terrain, starvation, bad weather, bandits, and no communication with loved ones for months or years. The nineteenth-century botanists, biologists, and ornithologists were the original Indiana Jones in their quest to discover new plant and animal species. They were courageous and determined, just as were the illustrators traveling with them, who produced some of the most important and often lovely scientific records of the day. In this Honors College seminar experience, we will travel with them, too, as we learn by illustrating plants and birds ourselves, using many of their same techniques. We will paint and draw and yes, go out into the field a time or two, but do not be afraid! You do not have to have prior skill or experience in either to be successful in their course.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

What is a landscape? How do landscapes shape us, and how do we shape them? This course explores these questions by looking at the many different landscapes around us (neighborhoods, gardens, coffeehouses, food, cemeteries...) and their meanings through reading, discussion, writing, and art. Students will also study and think about landscapes through painting and drawing, and create landscape journals using bookmaking and journal-making techniques. Students do not need artistic “talent” to benefit from this course, only a willingness to explore and work hard. Required field trips around Lubbock. Students must have access to a bicycle. Though there is some drawing and painting in this class, this course is reading, writing, and discussion intensive. Field trips! Bicycles! Local food! How could you go wrong?

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.
Yes Virginia, where you live and your mobility can affect your health. A child born in Japan can expect to live to 85 years while a child born on the same day in Nicaragua has a life expectancy of 74 and one born in Chad only 50 years. In the United States, a person born in Hawaii can anticipate living 6 years longer than one born on the same day in Mississippi. With race factored into the life expectancy equation the difference is even greater. Why can Japanese or Swiss expect to be healthy and long-lived while people in Chad, Afghanistan, Nicaragua, and Sierra Leone die relatively young and often of diseases that can be prevented or treated? Why does the health of people living in the U.S. vary according to where we live, sometimes over a distance of only a mile or two? This course will explore these questions and more.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

This course seeks to chart the historical and political development of the Arab Israeli conflict by analyzing key events and controversies which have shaped the struggle. The course takes an in depth look at the peoples involved, the changing situations on the ground and the ramifications the conflict has for the world beyond the regional borders. The course divides the conflict into four main stages. The first is a proto-nationalist stage that examines the Zionist and Arab nationalist movements as they grew from ideologies to full-fledged political entities from the 1880s to 1917. The second stage 1917-1948, from the Balfour declaration to the creation of the state of Israel, sees two nationalist movements competing for the same land. The third stage, from 1948-1987, can be understood as a state against state conflict which sees the state of Israel engaged in a conflict with other nations. The fourth stage, identified as Israel against political Islam, shows the conflict being waged not only between Israel and other nation states, but against armed Islamic political movements such as Hamas, Hezbollah, and Islamic Jihad. Time is also dedicated to broader ethical issues of academic and community representations of the Arab Israeli conflict, and the nature of scholarly and community authority.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

A writing workshop in creative nonfiction focused on the relationship between people and nature. Students will practice a variety of structural and stylistic approaches with an eye toward developing their personal voice. We will use a current issue of Orion magazine as our text, modeling our work after several of the magazine’s departments (book review, Sacred & Mundane, Coda), and its features. Topics may include environmental ethics, environmental history, ecology, and environmental science with a focus on the value of, risks to, and preservation of biodiversity. Students will also learn how to submit their writing for publication. A final student reading will be open to the public. This class is reading and writing intensive.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

This interdisciplinary course seeks to address a number of major philosophical issues – the meaning of life, the common good, what is truth, and the like – through a combination of film viewing, close readings of philosophical and literary texts, as well as seminar discussions and individual research. We will be watching “art house” films by major 20th century filmmakers such as Ingmar Bergman, Akira Kurosawa, and Krzysztof Kieslowski, read novels such as Camus’ The Stranger and Tolstoy’s The Death of Ivan Ilych, and study a handful of philosophical essays. Students will have an opportunity to design and develop a research project (on a topic of their choice), which would encourage them to think creatively and independently, as well as prepare them for a post-college career.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.
Why is a given literary, philosophical, or artistic work considered “novel,” “innovative,” or “revolutionary”? How is it that the new appears against a certain intellectual background? To what extent is novelty an “objective” characteristic, intrinsic to the work itself and to what extent is it the result of its interaction with the intellectual/artistic environment within which it emerges? What roles do extraneous factors (such as competition and demands of the market, political pressure/sponsorship, ideological and religious censorship) play in the genesis of novelty? What are the major patterns of intellectual and artistic change in the West? These are some of the questions that we will be addressing in the class. The seminar is an introduction to the Western humanities from Antiquity to Renaissance, with a special emphasis on the issues of novelty, originality, “paradigm shift,” and intellectual change. The course proposes a close look at some of the intense “knots” of novelty, first of all in philosophy and literature, but also in the arts, with the aim of bringing about a better understanding of how cultural history works, what the main “patterns of change” in the Western tradition are, how originality is possible, and how the new is produced. This course has writing intensive requirements.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.

**ISQS 3344-H01**
Introduction to Production and Operations Management (CRN# 33343)
Prof. J. Flamm
T 11:00 AM-12:20 PM

**ISQS 3344-702**
Discussion (CRN# 19722)
Prof. J. Flamm
R 2:00-3:20 PM

**Prerequisites:** B- or better in ISQS 2340 and MATH 2300 or MATH 2345; minimum cumulative 3.0 TTU GPA.

**Corequisite:** ISQS 3344-702
An overview of the production and operations function in organizations with examples of the application of computer and quantitative skills to management problems. Both design and operating problems are discussed.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM TECHNOLOGY AND APPLIED SCIENCE REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

**LIBR 1100-H01**
Essentials of Scholarly Research (CRN# 18385)
Prof. L. Heinz
W 9:00-9:50 AM

Designed to introduce students to life-long information literacy skills and establish the tools for effective and efficient research in a university library. Objectives are based on the ACRL Standards for Information Literacy for Higher Education. Honors students will be required to critically analyze and synthesize information resources to be included in an annotated bibliography and literature review on a topic of their choosing. Case studies will be used in class to discuss issues of academic integrity and ethical use of information.

**MATH 1451-H01**
Calculus I with Applications (CRN# 29411)
Prof. P. Schovanec
MW 12:00-1:50 PM

**Prerequisites:** B- or better in MATH 1350 or MATH 1550; or B- or better in MATH 1320 and a code of 5 on the MPE; or B- or better in MATH 1321; or code of 7 on the MPE; or a score of at least 660 on the SATM; or a score of at least 29 on the ACTM; or a score of at least 3 on the AP AB Calculus and a code of 5 on the MPE.

Differentiation of algebraic and transcendental functions, applications of the derivative, differentials, indefinite integrals, definite integrals. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<th>Instructor</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>MATH 1451-H02</td>
<td>Calculus I with Applications</td>
<td>29412</td>
<td>Prof. R. Higgins</td>
<td>TR 12:30-1:50 PM</td>
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<td>T 11:00-11:50 AM</td>
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**Prerequisites:** B- or better in MATH 1350 or MATH 1550; or B- or better in MATH 1320 and a code of 5 on the MPE; or B- or better in MATH 1321; or code of 7 on the MPE; or a score of at least 660 on the SATM; or a score of at least 29 on the ACTM; or a score of at least 3 on the AP AB Calculus and a code of 5 on the MPE.

Differentialiation of algebraic and transcendental functions, applications of the derivative, differentials, indefinite integrals, definite integrals. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.

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<tbody>
<tr>
<td>MATH 1452-H01</td>
<td>Calculus II with Applications</td>
<td>29573</td>
<td>Prof. R. Higgins</td>
<td>MW 9:00-10:50 AM</td>
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</table>

**Prerequisite:** B- or better in MATH 1451.

Methods of integration, parametric equations, polar coordinates, hyperbolic functions, infinite series. Applications and problem-solving are strongly emphasized. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.

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<tbody>
<tr>
<td>MATH 2360-H01</td>
<td>Linear Algebra</td>
<td>15055</td>
<td>Prof. D. McCarthy</td>
<td>TR 9:30-10:50 AM</td>
</tr>
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</table>

**Prerequisite:** B- or better in MATH 2450.

This course will involve a balance of theory, application and computation. The many uses of linear algebra will be emphasized in conjunction with the philosophy that serious applications of linear algebra require some computing capability. To this end the course will involve significant use of MATLAB. This course will be enriched for Honors students with additional readings, projects, and/or expositions.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

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<tr>
<td>MATH 2450-H01</td>
<td>Calculus III with Applications</td>
<td>38223</td>
<td>Prof. D. Volchenkov</td>
<td>MWF 12:00-12:50 PM</td>
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**Prerequisite:** B- or better in MATH 1452.

Partial differentiation; functions of several variables; multiple integrals, line integrals, surface integrals, Stokes Theorem. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

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<tr>
<td>MATH 2450-H02</td>
<td>Calculus III with Applications</td>
<td>29409</td>
<td>Prof. E. Aulisa</td>
<td>TR 12:30-1:50 PM</td>
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<td>R 11:00-11:50 AM</td>
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**Prerequisite:** B- or better in MATH 1452.

Partial differentiation; functions of several variables; multiple integrals, line integrals, surface integrals, Stokes Theorem. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

*Updated 03.02.2018*
MATH 3342-H01  Mathematical Statistics for Engineers and Scientists  (CRN# 29435)  Prof. M. Wang  MWF 3:00-3:50 PM

Note: MATH 3342 and 4342 cannot both be counted toward a mathematics major or minor.

Prerequisite: B- or better in MATH 2450.

This course is designed to cover topics from mathematical statistics that are of interest to students from engineering and/or the sciences. Topics will include descriptive statistics, elementary probability, random variables and their distributions, mean, variance, parameter estimation, hypothesis testing, regression, and analysis of variance. In addition, students will get hands-on experience in the process of experimentation, data collection, and analysis via a group project where students will propose an experiment, get approval, design the experiment and data collection methodology/protocols, run/conduct the experiment and gather data, then analyze the data and draw conclusions. This will all be presented in a written report as well as an oral presentation before their peers.

MATH 3350-H01  Higher Mathematics for Engineers and Scientists I  (CRN# 21206)  Prof. R. Iyer  TR 2:00-3:20 PM

Note: MATH 3350 and 3354 cannot both be counted toward a mathematics major or minor. Mathematics majors should take MATH 3354.

Prerequisite: B- or better in MATH 2450.

Ordinary differential equations, Laplace transforms, and other selected topics. This course will be enriched for Honors students with additional readings, projects, and/or expositions.

MBIO 3401-H01  Principles of Microbiology  (CRN# 36025)  Prof. A. Smith  MWF 9:00-9:50 AM

MBIO 3401-H51  No-Credit Lab  (CRN# 36026)  TR 2:00-3:20 PM

Note: Enrollment in this course is restricted to members of the Honors College.

Prerequisite: B- or better in BIOL 1402; or B- or better in BIOL 1403 and BIOL 1404.

Prerequisite or Corequisite: CHEM 3305 (B- or better required in CHEM 3305 if not taken simultaneously with MBIO 3401-H01.)

This course will provide an overview of the history and the many components that comprise the field of microbiology. Topics discussed will include: bacteriology, virology, parasitology, mycology, public health, and clinical and industrial microbiology. Students will be encouraged to participate in and lead discussions regarding current events involving microbiology and its applications to everyday life. Students will also be introduced to microbiological research topics and experimental design using various microbiological and molecular techniques.

MCOM 2330-H01  Media Literacy  (CRN# 35965)  TBD  MWF 11:00-11:50 AM

Students will critically analyze and evaluate media content and its influence on consumers and create their own media content in response to a topic of their choice, in the form of video essays. As media consumers, it is important to know how to critically analyze the media and understand how you may be influenced by its content. As potential media producers, it is important to know how this work may be affecting others. The primary focus of the course is on United States media, but the international media landscape will also be discussed when relevant.

CATALOG YEAR PRIOR TO 2014: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.


ME 2301-H01  Statics  (CRN# 24854)  TBD  MWF 9:00-9:50 AM

Prerequisites: B- or better in MATH 1452 and PHYS 1408.

Analyses of particles, rigid bodies, trusses, frames, and machines in static equilibrium with applied forces and couples.

MGT 3376-H01  Organizational Behavior  (CRN# 35961)  Prof. C. Cogliser  T 2:00-4:50 PM

Prerequisite: B- or better in MGT 3370 (business majors) or BA 3305 (non-business majors).

Focuses on managerial and employee attitudes and behavior. Topics include performance, job satisfaction, motivation groups, and task design.
**MGT 4380-H01**  **Strategic Management**  **(CRN# 15064)**  **Prof. C. Duran**  **W 2:00-4:50 PM**

**Prerequisites:** Business students only in their final semester; B- or better in MGT 3370.

Strategic Management is the capstone, integrative course for graduating business administration students. This is an exciting, challenging course that focuses on how firms formulate, implement, and evaluate strategies. Students use all the knowledge and concepts acquired from prior business courses, integrate them with new strategic-management techniques, and use them to chart the future direction of different organizations. The major responsibility of students in this course is to make objective strategic decisions and to justify them through oral presentations and written case studies. This course is taught using active learning and experiential techniques and is primarily discussion-based, but also has written components. Critical thinking skills are required for the experiential exercises and case analyses and will be enhanced during this course. This honors course periodically contains a service learning experience and case. Service learning is an active learning technique that combines application of course concepts, interaction with a community partner, and reflective components. The students will have the chance to apply the strategic management concepts learned in this course in a real world setting.

**MKT 3350-H01**  **Introduction to Marketing**  **(CRN# 24601)**  **Prof. A. Marin Melo**  **MWF 12:00-12:50 PM**

**Prerequisite:** B- or better in ECO 2302 or ECO 2305 or AAEC 2305; minimum 3.0 TTU GPA; RCOBA strongly recommends taking both ACCT 2300 and ACCT 2301 before enrolling in MKT 3350 and other upper-division courses.

The primary purpose of this course is to provide an overview of the discipline of marketing, both as a philosophy of business and as a series of business practices. The course will explore the field of marketing, as it directs the organization’s resources to satisfy customers’ wants and needs through the exchange process, at a reasonable profit to the organization. Specifically, we will examine how marketers: understand consumers’ needs and wants; develop products and services that provide superior value; and how they price, distribute, and promote products and services effectively, both domestically and internationally. The course will direct your study of the organization (either a profit oriented firm or a non-profit organization) as a market entity existing in a competitive environment. The emphasis will be on understanding the importance of quality, value, and customer relationship management in obtaining a competitive advantage in today’s marketplace. In addition, we will consider the ethical and societal issues related to marketing. The course will emphasize service learning where you will work with a real client organization to solve marketing problems through research and analysis.

**PFP 3301-H01**  **Introduction to Personal Finance**  **(CRN# 35772)**  **Prof. C. Browning**  **TR 11:00 AM-12:20 PM**

Introduction to personal finance, including goal setting, cash management, credit, insurance, taxes, housing, investment alternatives, and retirement plans. To better understand how individuals and families make financial decisions to meet their goals, reading assignments and discussion will focus on topics that are both relevant and timely. Class time will be spent collaboratively learning about the financial marketplace and behavioral tendencies, which form the environment in which people make financial decisions. Current issues such as financial literacy, time preferences, investment in human capital, behavioral finance, and generational differences will be explored. Discussion will arise from the readings assigned that focus on current issues, often found in popular press such as the Wall Street Journal, USA Today, and Kiplinger’s Magazine. It will also come from interesting and sometimes controversial new research related to how and why people think about money as they do. We all know that our financial decisions are not always rational, as assumed in economic theory. However, behavior research from economic, psychological, and socio-cultural perspectives can inform us regarding financial decision making.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**
So how ought persons behave toward one another? And does it even make any sense to reason about moral questions in the first place? After all, perhaps morality is just an individual subjective response, like one's taste in ice cream. Or maybe it's just a matter of religious dogma, so that one needn't think for oneself or bother trying to reason about it at all. Or perhaps all behavior boils down to self-interest anyway, so that talk of "moral obligation" is merely empty rhetoric. And, if it is not empty talk, what could possibly ground moral obligation? Imagine having one of those heavy late-night dorm discussions, but with Plato, Thomas Hobbes, John Stuart Mill, and Immanuel Kant chiming in. You will find that, even though those folks are long dead, it turns out that they had a lot to say about matters of morality that still concern us deeply today.

In this course, we will explore the potential of thinking carefully and creatively about morality, and we will do so in the company of some of the giants of Western moral philosophy. (Did you know that the 17th Century philosopher, Thomas Hobbes, even came up with a theory to explain why people stay late at parties?)

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.

Discusses philosophical questions raised by literature, including such topics as the nature of literature, theories of interpretation and evaluation of literary works, and an evaluation of whether literary works convey unique knowledge.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

Prerequisite: B- or better in MATH 1451.
Corequisite: PHYS 1408-H51 Lab and PHYS 1408-751 Recitation.
Calculus-based introductory physics course. Mechanics, kinematics, energy, momentum, gravitation, waves, and thermodynamics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion.

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

Prerequisite: B- or better in PHYS 1408 and MATH 1452.
Co-requisite: PHYS 2401-H51 and PHYS 2401-H71 Recitation
Calculus-based introductory physics. Electric and magnetic fields, electromagnetic waves, and optics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM NATURAL SCIENCES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.
We are currently in an age of radical change. Public policies, from health care to education policy, punishment to corporate regulation – are under a new scrutiny in the contemporary climate of economic crisis, and for many citizens, existential crisis – crises that are about the very means by which Americans will live. In this course we will examine particular public policies, their impact on the masses of Americans, and on specific subpopulations (such as Latinos and African Americans) to better understand the significance of this transformative period in public policy that the nation is now undergoing. The major assignments for this course are weekly writing assignments, an in-class presentation of a research topic of your choosing that is relevant to the course material, and a final essay exam.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM UNITED STATES AND TEXAS GOVERNMENT REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM GOVERNMENT/POLITICAL SCIENCE REQUIREMENT.**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PSY 1300-H02</td>
<td>General Psychology</td>
<td>37155</td>
<td>Prof. L. Greenlee</td>
<td>TR 9:30-10:50 AM</td>
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<tr>
<td></td>
<td>Introduction to fundamental concepts in psychology. Emphasis on the physiological, social, emotional, and environmental determinants of behavior.</td>
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<td><strong>THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.</strong></td>
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<td>SPAN 2301-H01</td>
<td>A Second Course in Spanish I</td>
<td>10942</td>
<td>TBD</td>
<td>MWF 11:00-11:50 AM</td>
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<td></td>
<td>Prerequisite: B- or better in SPCS 1411 or SPCS 1412 or SPAN 1502 or SPAN 1507 or SPAN 1607.</td>
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<td>This course emphasizes listening, reading, written and oral skills in order to develop students' communicative competence. In addition, this course will place significant stress on the development of students' intercultural competence through reading texts and written assignments. The development of all of these crucial skills are integrated in a highly interactive and fun environment in which students practice and improve their Spanish every day.</td>
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<tr>
<td>SPAN 2302-H01</td>
<td>A Second Course in Spanish II</td>
<td>10947</td>
<td>TBD</td>
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<td>Prerequisite: B- or better in SPAN 2301.</td>
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### FALL 2018 HONORS SEMINARS

**FULL/CLOSED courses are listed in red text**

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<tr>
<td>ANSC 3301-H01</td>
<td>Principles of Nutrition</td>
<td>MWF 10:00-10:50 AM</td>
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<tr>
<td>EVHM 3306-H01</td>
<td>Readings from the Sowell Collection</td>
<td>MWF 10:00-10:50 AM</td>
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<tr>
<td>HIST 4348-H01</td>
<td>The Renaissance</td>
<td>MWF 2:00-2:50 PM</td>
</tr>
<tr>
<td>HONS 3301-H02</td>
<td>Buddhist Life and Thought</td>
<td>MWF 11:00-11:50 AM</td>
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<tr>
<td>HONS 3301-H04</td>
<td>Folklore</td>
<td>TR 9:30-10:50 AM</td>
</tr>
<tr>
<td>HONS 3302-H01</td>
<td>Patents, Innovation, and Science Policy</td>
<td>MWF 12:00-12:50 PM</td>
</tr>
<tr>
<td>HONS 3302-H02</td>
<td>Early Clinical Experience</td>
<td>MW 1:00-1:50; W 2:00-4:50 PM</td>
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<tr>
<td>HONS 3304-H04</td>
<td>Mystery Science Theatre 3000</td>
<td>M 6:00-8:50 PM</td>
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<tr>
<td>PFP 3301-H01</td>
<td>Introduction to Personal Finance</td>
<td>TR 11:00 AM-12:20 PM</td>
</tr>
<tr>
<td>PHIL 3341-H01</td>
<td>Philosophy and Literature</td>
<td>TR 2:00-3:20 PM</td>
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</table>

### FALL 2018 HONORS SUMMITS

**FULL/CLOSED courses are listed in red text**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Time</th>
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<tbody>
<tr>
<td>HONS 4302-H01</td>
<td>Bones, Botanicals, and Birds</td>
<td>R 2:00-4:50 PM</td>
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<tr>
<td>HONS 4302-H02</td>
<td>Literature of Place</td>
<td>W 2:00-4:50 PM</td>
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<tr>
<td>HONS 4302-H03</td>
<td>Space, Place, and Human Health</td>
<td>MWF 10:00-10:50 AM</td>
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<td>HONS 4302-H04</td>
<td>The Arab Israeli Conflict</td>
<td>MWF 11:00-11:50 AM</td>
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<td>HONS 4302-H05</td>
<td>Writing for Publication</td>
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<td>HONS 4302-H06</td>
<td>Between Word and Image</td>
<td>T 6:00-8:50 PM</td>
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