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.

All students must maintain a 3.25 pure grade point average both to remain in the Honors College and to graduate with either of these Honors designations.

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

Welcome to the Honors College course offerings booklet for the fall 2017 semester. Believe it or not, it’s time to begin working on your fall 2017 schedule! Honors students can began registering via Raiderlink on Friday, April 7th (Honors seniors may register on Thursday, April 6th).

Honors seniors and juniors 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 upperclassmen can request Honors course permits by emailing a Permit Request Form (currently found on the Honors College website under Advising > Course Information) to an Honors advisor as early as possible for best chance of reserving a seat in requested classes. All upperclassmen will receive an email from an Honors advisor notifying them of their advising status; all other students will be required to schedule an advising appointment.

Honors advising is mandatory for all Honors freshmen and sophomores, and the Honors registration hold will not be moved forward until the student is advised in our office. Honors advising will begin on Tuesday, March 7th, with the following schedule (completed credit hours as of February 2017):

- Seniors and Juniors (60+ hrs.) March 7th – March 21st
- Sophomores (30-59 hrs.) March 22nd – April 3rd
- Freshmen (0-29 hrs.) April 4th – April 7th

Advising appointments are limited, and permits into Honors courses are given on a first-come, first-served basis. Therefore, it is important to make an appointment as early as possible.

PLEASE DO NOT CALL TO MAKE YOUR APPOINTMENT. Students 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 preliminary 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 the Honors 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 rescheduled.
- Cancel your appointment beforehand if you are unable to make it. Any student who fails to notify us that he or she will miss an advising appointment will be rescheduled for November 4th or later.

Remember that registration for fall courses must be completed on the web. Your Honors advisor will not enroll in your fall courses. Thus, if you do not know your e-raider password, you need to call the IT Help Desk (742-HELP) prior to April 7th to ensure that your registration will be trouble-free. Happy scheduling!

-Honors College Advisors

Times, room numbers, and other course information are subject to change. Be sure to check the Fall 2017 Course Booklet and Raiderlink for changes.
### FALL 2017 COURSE OFFERINGS

Once a course is full, the course is closed. Students may elect to be placed on a waitlist for closed courses. FULL/CLOSED courses are listed in red text.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
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<tbody>
<tr>
<td>ACCT 2300-H01</td>
<td>Financial Accounting</td>
<td>CRN 20419</td>
<td>Prof. Q. Lynn</td>
<td>MWF 2:00-2:50 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** 3.0 GPA, sophomore standing, and a B- or better in any college-level mathematics course. Uses of accounting information for planning decisions about products and services, activities and processes, suppliers and customers, organizational subunits, and time periods, as these relate to organizations in changing environments.

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<tbody>
<tr>
<td>ANSC 3301-H01</td>
<td>Principles of Nutrition</td>
<td>CRN 35897</td>
<td>Prof. B. Johnson</td>
<td>MWF 10:00-10:50 AM</td>
</tr>
<tr>
<td>ANSC 3301-H70</td>
<td>Discussion</td>
<td>CRN 37477</td>
<td></td>
<td>W 5:00-6:20 PM</td>
</tr>
</tbody>
</table>

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

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<tbody>
<tr>
<td>ANSC 3401-H01</td>
<td>Reproductive Physiology</td>
<td>CRN 10532</td>
<td>Prof. S. Prien</td>
<td>MW 6:00-7:20 PM</td>
</tr>
<tr>
<td>ANSC 3401-H50</td>
<td>No-Credit Lab</td>
<td>CRN 10541</td>
<td></td>
<td>W 1:00-2:20 PM</td>
</tr>
<tr>
<td>ANSC 3401-H70</td>
<td>Discussion</td>
<td>CRN 10548</td>
<td></td>
<td>T 5:00-5:50 PM</td>
</tr>
</tbody>
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**Prerequisite:** ANSC 2202 and ANSC 2306 or ANSC 3405 with a B- or better. **Corequisite:** 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.

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<tbody>
<tr>
<td>ANSC 4001-H01</td>
<td>One Health: The Intersection of Human and Animal Health</td>
<td>CRN 39099</td>
<td>Prof. J. Neary</td>
<td>T 2:00-4:50 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** Consent of instructor.

The One Health concept recognizes that human, animal, and environmental health are intricately linked. In this course, students will learn about the interconnectedness of human and animal health. Students will learn about the risk of disease transmission between animals and humans and how precautionary measures can be applied to reduce this risk. Students will also learn how to conduct a disease outbreak investigation using epidemiological methods and animal and environmental sampling techniques. Finally, students will explore how the selection and husbandry of domesticated animals for favorable production, athletic, aesthetic, or behavioral traits has led to the development of new diseases, many of which share a common pathophysiology with diseases of humans.

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

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<tbody>
<tr>
<td>ASTR 1401-H01</td>
<td>Stellar Astronomy</td>
<td>CRN 29544</td>
<td>TBD</td>
</tr>
<tr>
<td>ASTR 1401-H51</td>
<td>No-Credit Lab</td>
<td>CRN 29545</td>
<td>R 12:00-1:50 PM</td>
</tr>
<tr>
<td>ASTR 1401-751</td>
<td>Discussion</td>
<td>CRN 30004</td>
<td>TBD</td>
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If you have to take a natural science course (which you do), wouldn’t you like to take one that mixes aspects of the entire universe into a single course? Learn things about who we are and why we are here and how we know so much about something so vast. The best part is that this course is designed to allow you to explore astronomy yourself by taking your own data and analyzing it and then incorporating it into things that we discuss. You won’t have to take my word for it: you will be able to discover the universe for yourself.

**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.**
**Biol 140 - Biology I**
- **CRN# 13607**
- **Prof. M. Dini**
- **MW 2:00-3:20 PM**

**Biol 140 - No-Credit Lab**
- **CRN# 13614**
- **R 2:00-4:50 PM**

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

**Prerequisite:** 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.

**Biol 3416 - Genetics**
- **CRN# 39183**
- **Prof. D. Ray**
- **MWF 3:00-3:50 PM**

**Biol 3416 - No-Credit Lab**
- **CRN# 39184**
- **Prof. C. Rock**
- **W 10:00 AM-12:50 PM**

*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 - Business Law I**
- **CRN# 35898**
- **Prof. J. Schuetzeberg**
- **MWF 9:00-9:50 AM**

*Prerequisite: B- or better in ENGL 1301 and 1302. Nature and source of law, courts and procedure, contracts, Texas law of separate and community property.*

**Ce 2301 - Statics**
- **CRN# 29013**
- **Prof. R. Carter**
- **TR 3:30-4:50 PM**

*Prerequisite: 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 - Mechanics of Solids**
- **CRN# 33162**
- **Prof. A. Gurley**
- **TR 9:30-10:50 AM**

*Prerequisite: B- or better in CE 2301 or ME 2301. Corequisite: CE 3103. Theory of stress and strain in elastic and inelastic bodies subject to various conditions of loading.*

**Chem 1305 - 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.
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<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>CHEM 1307-H02</td>
<td>Principles of Chemistry I</td>
<td>(CRN# 35267)</td>
<td>Prof. D. Casadonte</td>
<td>TR</td>
<td>11:00 AM-12:20 PM</td>
</tr>
<tr>
<td>CHEM 1307-H72</td>
<td>Required Review Session</td>
<td>(CRN# 24730)</td>
<td>Prof. D. Casadonte</td>
<td>T</td>
<td>5:00-6:20 PM</td>
</tr>
<tr>
<td>CHEM 1307-H74</td>
<td>Required Review Session</td>
<td>(CRN# 38065)</td>
<td>Prof. D. Casadonte</td>
<td>T</td>
<td>3:30-4:50 PM</td>
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</table>

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

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

**Corequisite:** CHEM 1107 is strongly recommended.

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

CATALOG YEAR 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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<tbody>
<tr>
<td>CHEM 3305-H01</td>
<td>Organic Chemistry I</td>
<td>(CRN# 14791)</td>
<td>Prof. D. Birney</td>
<td>MWF</td>
<td>10:00-10:50 AM</td>
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*Note: Enrollment in this course is restricted to members of the Honors College.*

**Prerequisite:** CHEM 1308 with a grade of B- or better.

**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.

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<tbody>
<tr>
<td>CHEM 4306-H01</td>
<td>Glycobiology: How Sweet Are the Sugars!</td>
<td>(CRN# 38591)</td>
<td>Prof. Y. Mechref</td>
<td>TR</td>
<td>8:00-9:20 AM</td>
</tr>
</tbody>
</table>

**Prerequisite:** B- or better in CHEM 3305 and CHEM 3306.

This course is an introduction to Glycobiology which is defined in The Oxford English Dictionary as “the branch of science concerned with the role of sugars in biological systems.” The origin of glycobiology is in the fields of carbohydrate chemistry and biochemistry. This course will cover sugar’s biosynthesis, structures, and biological roles. The main objective of this course is to introduce students to the fundamentals of Glycobiology. Students are expected to gain an understanding of the essentials of glycobiology, including biosynthesis, structures, biological roles and analytical techniques. The goal is to develop an understanding of the roles sugars play in biology and physiology.

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</thead>
<tbody>
<tr>
<td>COMS 2300-H01</td>
<td>Public Speaking</td>
<td>(CRN# 14799)</td>
<td>Prof. C. Langford</td>
<td>M</td>
<td>1:00-1:50 PM</td>
</tr>
<tr>
<td>COMS 2300-H71</td>
<td>Discussion</td>
<td>(CRN# 35469)</td>
<td>Prof. C. Langford</td>
<td>WF</td>
<td>1:00-1:50 PM</td>
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</table>

Equips students with the skills necessary for successful public speaking. Students will learn to prepare and deliver effective presentations, adapt to various audiences, and adjust to different speaking contexts. Emphasizes the application of public speaking theory.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM ORAL COMMUNICATION REQUIREMENT.
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.**

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**EGR 1206-H32 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 and mechanical and electrical/electronics engineering technology. Provides a background in orthographic projection, selected topics of descriptive geometry, engineering drawing techniques, and computer-aided design and drafting software.

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**ENGR 2331-H01 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.**

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**ENGR 2392-H01 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.**

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**EVHM 3300-H01* Writing for Publication (CRN# 33228)  
SEMINAR**  
**Prof. K. Caswell**  
**TR 12:30-1:50 PM**  
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.*

Students wishing to enroll in this course must obtain permission from Professor Caswell. For more information, contact Kurt Caswell (kurt.caswell@ttu.edu).  
**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

*EVHM 3300-H01 is cross-listed with HONS 4302-H05. Students enrolling in EVHM 3300-H01 will receive Honors Seminar credit and the course will count towards the EVHM minor. Students enrolling in HONS 4302-H05 will receive Honors Summit credit.*
FREN 2390-H01  French Culture (CRN# 37187)  Prof. A. Jonsson  TR 11:00 AM-12:20 PM

Note: Credit does not apply to major or minor requirements.
A multimedia approach to topics related to French culture. Taught in English. May not be repeated.

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

HDFS 2300-H01  Gender Development: Life Span Perspective (CRN# 38828)  Prof. E. Sharp  TR 11:00 AM-12:20 PM

This course focuses on the structure and function of the contemporary gendered systems in the United States including the intersection of gender, race, and economic status coupled with individual development of gender attitudes, belief, and behaviors during childhood, adolescence, and adulthood. Major theories of gender development are reviewed, together with relevant research regarding gendered behaviors. The influence of gender and gendered behavior on personal relationships is explored.

By the end of the course, you should be able to:
1. Identify and understand fundamental sex/gender definitions and concepts
2. Understand and apply several theoretical perspectives of gender development
3. Comprehend a brief overview of research regarding gender development & socialization across the life span
4. Analyze the ways in which social institutions maintain and perpetuate binary notions of gender
5. Critically examine your participation in contemporary gendered systems

Additionally, because the course is part of the Women’s Studies Curriculum, you will be able to:
6. Apply feminist theoretical frameworks to gender development through the life-span
7. Understand, reflect, and apply models of privilege/oppressed and the intersection of gender, race, class, sexuality to gender development, in general, and your experience, in particular

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

HIST 4349-H01  The Protestant Reformation: The Success, Failure, and Meaning of a Religious Movement (CRN# 38526)  Prof. J. Baum  TR 12:30-1:50 PM

Prerequisite: Junior standing or consent of instructor.
In 1517, Martin Luther allegedly marched to the door of the Castle Church in Wittenberg, where he heroically nailed his Ninety-Five Theses. This moment marks the symbolic beginning of the Protestant Reformation, a religious movement that originated in a small German university town in an isolated corner of Germany. Five hundred years later, this once provincial religious movement has had global ramifications, and historians continue to debate its meaning. Protestant Christianity has profoundly shaped the modern world, but what did it mean to those who lived through the turbulent sixteenth century, when the new religion first took shape? How much did it actually impact peoples’ lives? Did the leaders of the Reformation achieve what they set out to do, and how do we reconcile their immediate goals with the longer-term, unforeseen and unintended consequences of the Reformation? This course will engage students with these questions by introducing them to the history of the European Reformation of the sixteenth century, and the ways in which historians have understood and debated its meaning ever since.

Updated 07.12.2017  8
*Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar. This course will introduce students to methods and issues in humanities scholarship via the Star Wars franchise – a cultural phenomenon consisting of 40 years’ worth of texts in virtually all media, including innumerable manifestations in material culture. By the end of the semester, students will have acquired a set of advanced research skills, developed their writing and oral presentation capabilities, and enhanced their textual, sonic, and visual literacy. As students are exposed to diverse scholarly fields and research strategies, they will devise a project of their own choosing and refine it throughout the semester in consultation with the instructor and with their peers. The Star Wars franchise is an expansive cultural phenomenon, and thus this course will allow students great latitude and creativity in their research opportunities. Their topics may be as varied as the relationship between Canadian experimental filmmaking of the 1960s and the aesthetics of Lucasfilm special effects, the material history of plastics manufacturing and its relationship to the toy market, or the satirical use of Star Wars characters in South African comic books.

FOR STUDENTS ENTERING TTU PRIOR TO FALL 2013, 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.


*Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar.

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.

FOR STUDENTS ENTERING TTU PRIOR TO FALL 2013, THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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.

Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS. Prerequisites: Enrollment in the Honors College and approved Honors thesis project application on file.

Contents will vary to meet the needs of students. Independent work under the individual guidance of a faculty member, who must be either a member of the graduate faculty or approved by the Honors College 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.**

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**HONS 3301-H04**

**Bridging the Gap Between the Sciences and the Humanities: Folklore**

**CRN# 35988**

**Prof. K. Ketner**

**SEMINAR**

**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 I 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.**

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**HONS 3301-H05**

**Africa’s Role in the Contemporary World**

**CRN# 14968**

**Prof. T. Nagy**

**SEMINAR**

**W 2:00-4:50 PM**

**Prerequisite:** Junior or senior standing.

Africa is the continent least understood by Americans; it is often presented by the media as a land of war, famine, and pestilence. This course will present Africa’s contemporary reality – the positive as well as the negative – by examining major current issues after briefly surveying Africa’s history, geography, societies, and culture. Themes covered will include: political dynamics, regional conflicts; human rights and women’s issues; economic development and poverty; including the role played by international assistance; involvement of external forces and globalization; refugees and migration; and environmental and public health crises (including HIV/AIDS). The course will also examine Africa’s role in current U.S. global policy priorities, including US security concerns. The required textbook is: Understanding Contemporary Africa (edited by April and Donald Gordon); Things Fall Apart (Chinua Achebe); and supplemental articles designated by the instructor and available in a compendium. 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  Principles of Public Health** (CRN# 37781)  
**Prof. A. Smith**  
**SEMINAR**  
MWF 11:00-11:50 AM

Principles of Public Health is an introduction to the population health approach of public health, as opposed to individual health that is the focus of clinicians. This course will cover the principles of evidence-based public health and tools for implementation including health communication and informatics, applications of social and behavioral sciences, and health policy, law and ethics. Methods for addressing non-communicable and communicable diseases, environmental diseases and injury as well as an overview of the U.S. health care system will also be addressed. This interdisciplinary course will include concepts from biological sciences, mathematics, marketing, law and public policy.  
**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

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**HONS 3302-H02  Early Clinical Experience** (CRN# 29877)  
**Prof. L. Johnson**  
**SEMINAR**  
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 2019 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 at 5:00 PM on Friday, March 10th 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.**

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**HONS 3304-H01  Music and Your Mind** (CRN# 15019)  
**Prof. P. Martens**  
**SEMINAR**  
MWF 11:00-11:50 AM

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 HONORS SEMINAR REQUIREMENT.**

**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 DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

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**HONS 3304-H02  History of West Texas Music** (CRN# 15022)  
**Prof. C. Peoples**  
**SEMINAR**  
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 & 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.  
**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**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 DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**
This course is an overview of the ways in which dance and film influence each other and work in tandem to create complex meaning and understanding, beginning with examples from the 1960s and progressing to current trends. In doing so, this course will expand the student’s knowledge of the human condition and human cultures as expressed and evidenced through the art forms of concert dance, performance art, multimedia art works, and film. Students will engage in observing dance in video format, critically reading and writing about performance, discussing the various art forms, and exploring performance criticism.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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 DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

In 2015, the 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 it had its last broadcast 16 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 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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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 DOES NOT FULFILL A CORE CURRICULUM 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.

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

Dangership 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 book-making 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 Chad has a life expectancy of 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 or Swedes expect to be healthy and long-lived while people in Chad, Afghanistan, 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 will explore some of the major international issues facing politics today. It will examine issues that influence most places in the world, such as war, oil and the decline of the United States as a world power. This course while exploring several themes, will have specific focus on the Middle East as an area of turmoil, India as the fastest growing economy in the world and China as a rising super power. The course will explore how the United States responds to international issues and how it relates to many places, but specifically to the Middle East, India, and China.

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.

Students wishing to enroll in this course must obtain permission from Professor Caswell. For more information, contact Kurt Caswell (kurt.caswell@ttu.edu).

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

*HONS 4302-H05 is cross-listed with EVHM 3300-H01. Students enrolling in HONS 4302-H05 will receive Honors Summit credit. Students enrolling in EVHM 3300-H01 will receive Honors Seminar credit and the course will count towards the EVHM minor.
HONS 4401-H01  Torts Law  (CRN# 39056)  Prof. R. Rosen  TWRF 8:00-8:50 AM  SEMINAR

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5401. Application to take this course is required. Applications are due Wednesday, March 22nd to Sarah Timmons (sarah.timmons@ttu.edu) in the Honors College. This course is assessed on a Pass/Fail basis for undergraduate students. Students receiving a grade of C+ or better in the course who later matriculate to the Texas Tech University School of Law may not be required to repeat the course if approved by the Associate Dean for Academic Affairs when another course or courses are available in the same subject area which may be taken in substitution for equivalent credit hours which will then be a part of such student’s required first-year curriculum. Class commences one week earlier than TTU undergraduate classes. Application: http://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 4401-H02  Contracts Law  (CRN# 39057)  Prof. B. Shannon  MTWR 9:00-9:50 AM  SEMINAR

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5401. Application to take this course is required. Applications are due Wednesday, March 22nd to Sarah Timmons (sarah.timmons@ttu.edu) in the Honors College. This course is assessed on a Pass/Fail basis for undergraduate students. Students receiving a grade of C+ or better in the course who later matriculate to the Texas Tech University School of Law may not be required to repeat the course if approved by the Associate Dean for Academic Affairs when another course or courses are available in the same subject area which may be taken in substitution for equivalent credit hours which will then be a part of such student’s required first-year curriculum. Class commences one week earlier than TTU undergraduate classes. Application: http://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HUM 2301-H01  Western Intellectual Tradition I  (CRN# 15030)  Prof. J. Brink  TR 9:30-10:50 AM  SEMINAR*

* Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar.

In this first half of a two-semester sequence, the great books of the ancient world to the renaissance are studied to fully grasp the lasting contributions to art, science, philosophy, and literature. We will explore some of the most important moments and figures in the Western intellectual history from the ancient world to the Renaissance. We will talk about Socrates and Plato, the sophists and the Greek drama, the collapse of the Roman Empire and the beginnings of Christianity, the major monastic orders and the philosophy of scholasticism, and many other topics.

FOR STUDENTS ENTERING TTU PRIOR TO FALL 2013, 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.

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

ISQS 3344-702  Discussion  (CRN# 19722)  R 2:00-3:20 PM

Prerequisite: ISQS 2340 with a grade of B- or better; MATH 2300 or 2345 with a grade of B- or better.
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. R. Higgins MW 12:00-1:50 PM

**Prerequisite:** Score of 7 on Math Placement Exam; or score of 3 on the AP AB Calculus exam and a score of 5 on the MPE; or 660/29 on the Math section of the SAT/ACT; or MATH 1350 or 1550 with B- or better; or score of 5 on MPE and MATH 1321 with B- or better.

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.

**THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

MATH 1451-H02 Calculus I with Applications (CRN# 29412) Prof. A. Solynin TR 12:30-1:50 PM

**Prerequisite:** Score of 7 on Math Placement Exam; or score of 3 on the AP AB Calculus exam and a score of 5 on the MPE; or 660/29 on the Math section of the SAT/ACT; or MATH 1350 or 1550 with B- or better; or score of 5 on MPE and MATH 1321 with B- or better.

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.

**THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

MATH 1452-H01 Calculus II with Applications (CRN# 29573) Prof. A. Peace MW 9:00-10:50 AM

**Prerequisite:** MATH 1451 with a grade of B- or better.

Methods of integration, parametric equations, polar coordinates, hyperbolic functions, applications. 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.

MATH 2360-H01 Linear Algebra (CRN# 15055) Prof. R. Iyer TR 9:30-10:50 AM

**Prerequisite:** MATH 2450 with a grade of B- or better.

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.
**MATH 2450-H01  Calculus III with Applications**  (CRN# 29409)  Prof. E. Aulisa  TR 12:30-1:50 PM  R 11:00-11:50 AM

**Prerequisite:** MATH 1452 with a grade of B- or better.

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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**MATH 2450-H02  Calculus III with Applications**  (CRN# 38223)  Prof. P. Schovanec  MWF 12:00-12:50 PM  M 1:00-1:50 PM

**Prerequisite:** MATH 1452 with a grade of B- or better.

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

**Prerequisite:** MATH 2450 with a grade of B- or better. MATH 3342 and 4342 cannot both be counted toward a mathematics major or minor.

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/collect 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.

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

**Note:** This course is open to Math minors, but does not provide credit toward a Math major.

**Prerequisite:** MATH 1452 with a grade of B- or better.

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

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**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:** BIOL 1402 with a B- or better or BIOL 1403 and 1404 with a B- or better; prerequisite or co-requisite CHEM 3305. Morphology, physiology, and classification of microorganisms.

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.
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) Prof. J. Hanson MWF 9:00-9:50 AM

Prerequisite: 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

ME 4360-H01 Sustainable Energy (CRN# 30863) Prof. D. James MWF 8:00-8:50 AM

Prerequisite: B- or better in ME 2322 and MATH 3350.
Exploration of the global energy demand and its environmental impact for continued human development. Alternative and petroleum-based fuels will be examined for near-term and long-term solutions. Includes researching, developing presentations, and participating at a high level of activity. Approved departmental elective.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

MGT 3376-H01 Organizational Behavior (CRN# 35961) Prof. C. Coglis TR 9:30-10:50 AM

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

Prerequisite: Business students only who have completed BLAW 3391, ISQS 3344, FIN 3320, MKT 3350, MGT 3370, and MGT 3373 or BCOM 3373 with grades of B- or better and are in their final semester. No COBA classifications permitted.
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.

NS 1410-H01 Science of Nutrition (CRN# 37514) Prof. L. Boylan T 11:00-12:20 PM
NS 1410-H51 No-Credit Lab (CRN# 37515) Prof. M. T. Munir R 11:00-12:50 PM

Study of the nutrients found in foods and utilization of those nutrients by the body. Designed to convey the basic principles of nutritional science.

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.
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.**

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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.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.**

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**Prerequisite:** MATH 1451 with a grade of B- or better.

**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. This section is specifically taught for Physics majors as well as Honors students.

**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.**
PHYS 2401-H01  Principles of Physics II  (CRN# 22775)  Prof. W. Glab  MWF 11:00-11:50 AM
PHYS 2401-H51  No-Credit Lab  (CRN# 34257)  R 6:00-7:50 PM
PHYS 2401-H71  Discussion  (CRN# 30050)  T 3:00-3:50 PM

Note: This course is open to Honors students and non-Honors Physics and Engineering majors.

**Prerequisite:** PHYS 1408 and MATH 1452 with a grade of B- or better.

**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. This section is specifically taught for Physics majors as well as Honors students.

**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.

POLS 2306-H02  Texas Politics and Topics  (CRN# 38691)  Prof. J. Hodes  TR 2:00-3:20 PM

Note: POLS 1301 is not required before POLS 2302.

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 POLITICAL SCIENCE REQUIREMENT.

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

PSY 1300-H02  General Psychology  (CRN# 37155)  Prof. C. Richards  TR 9:30-10:50 AM

Introduction to fundamental concepts in psychology. Emphasis on the physiological, social, emotional, and environmental determinants of behavior.

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

PSY 3304-H01  Introduction to Social Psychology  (CRN# 12430)  Prof. L. Greenlee  TR 11:00 AM-12:20 PM

**Prerequisite:** B- or better in PSY 1300.

Study of individual experience and behavior in relation to social stimulus situations. Survey of experimental work and reports on current problems.

SPAN 1507-H01  Comprehensive Spanish Review: First Year  (CRN# 10908)  Prof. S. Flores  MWF 12:00-12:50 PM

**Prerequisite:** Two years of high school Spanish.

A comprehensive one-semester review.

SPAN 2301-H01  A Second Course in Spanish I  (CRN# 10942)  Prof. S. Flores  MWF 11:00-11:50 AM

**Prerequisite:** SPCS 1411 or SPCS 1412 or SPAN 1507 with a grade of B- or better.

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.
**SPAN 2302-H01**  
*A Second Course in Spanish II*  
(CRN# 10947)  
Prof. S. Flores  
MWF 10:00-10:50 AM

**Prerequisite:** SPAN 2301 with a grade of B- or better.

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 these crucial skills are integrated in a highly interactive and fun environment in which students practice and improve their Spanish every day.

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**THA 2301-H01**  
*Introduction to Acting*  
(CRN# 37146)  
Prof. D. Nolen  
MW 3:30-4:50 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, friends. In short, we learn much more about the human condition in order to reflect it to others.

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

**FALL 2017 HONORS SEMINARS**

ANSC 3301-H01 Principles of Nutrition MWF 10:00-10:50 AM, W 5:00-6:20 PM
ANSC 4001-H01 One Health T 2:00-4:50 PM (CANCELLED)
EVHM 3300-H01 Writing for Publication TR 12:30-1:50 PM
HIST 4349-H01 The Protestant Reformation TR 12:30-1:50 PM
HONS 1301-H03 Star Wars and Media Studies Research TR 2:00-3:20 PM
HONS 1304-H03 Mozart and the Age of Revolution TR 2:00-3:20 PM
HONS 3301-H02 Buddhist Life and Thought MWF 11:00-11:50 AM
HONS 3301-H04 Bridging the Gap: Folklore TR 9:30-10:50 AM
HONS 3301-H05 Africa’s Role in the Contemporary World W 2:00-4:50 PM (CANCELLED)
HONS 3302-H01 Principles of Public Health MWF 11:00-11:50 AM
HONS 3302-H02 Early Clinical Experience MW 1:00-1:50 PM, W 2:00-4:50 PM
HONS 3304-H01 Music and Your Mind MWF 11:00-11:50 AM
HONS 3304-H02 History of West Texas Music TR 5:00-6:20 PM
HONS 3304-H03 Intersections of Film and Dance T 2:00-4:50 PM (CANCELLED)
HONS 3304-H04 Mystery Science Theatre 3000 M 6:00-8:50 PM
HONS 4401-H01 Torts Law TWRF 8:00-8:50 AM
HONS 4401-H02 Contracts Law MTWR 9:00-9:50 AM
HUM 2301-H01 Western Intellectual Tradition I TR 9:30-10:50 AM
ME 4360-H01 Sustainable Energy TBA
PFP 3301-H01 Introduction to Personal Finance TR 11:00 AM-12:20 PM

**FALL 2017 HONORS SUMMITS**

HONS 4302-H01 Bones, Botanicals, and Birds T 2:00-4:50 PM
HONS 4302-H02 Literature of Place W 2:00-4:50 PM
HONS 4302-H03 Space, Place, and Human Health MWF 10:00-10:50 AM
HONS 4302-H04 International Affairs TR 11:00 AM-12:20 PM
HONS 4302-H05 Writing for Publication TR 12:30-1:50 PM

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