Spring/Summer 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 3.25 pure grade point average both to remain in the Honors College and to graduate with either of these Honors designations. Students entering the Honors College in fall 2017 or later must maintain a 3.50 adjusted 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 spring 2018 semester. Believe it or not, it's time to begin working on your spring 2018 schedule! Honors students can begin registering via Raiderlink on Friday, November 3rd (Honors seniors may register on Thursday, November 2nd).

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 Academics and Enrichment > Advising > Course Information > Permit Request Form) 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, October 3rd, with the following schedule (credit hours as of September 2017):

- Seniors and Juniors (60+ hrs.) October 3rd – October 13th
- Sophomores (30-59 hrs.) October 16th – October 25th
- Freshmen (0-29 hrs.) October 26th – November 3rd

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, GradesFirst, which is used for scheduling appointments. GradesFirst 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 spring 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 spring 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 6th or later.

Remember that registration for spring courses must be completed on the web. Your Honors advisor will not enroll you in your spring courses. Thus, if you do not know your e-raider password, you need to call the IT Help Desk (742-HELP) prior to November 3rd 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 Spring 2018 Course Booklet for changes.
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>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2301-H01</td>
<td>Managerial Accounting</td>
<td>CRN 45940</td>
<td>Prof. K. Bigbee</td>
<td>MWF 9:00-9:50 AM</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
<td>ACCT 2300 with a grade of B- or better and 3.0 GPA. COBA and AGBS majors only.</td>
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<tr>
<td>ACCT 3307-H01</td>
<td>Income Tax Accounting</td>
<td>CRN 56677</td>
<td>Prof. R. Ricketts</td>
<td>TR 5:00-6:20 PM</td>
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<tr>
<td><strong>Prerequisites:</strong></td>
<td>ACCT 2300 with a grade of B- or better.</td>
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<tr>
<td>ANSC 3405-H01</td>
<td>Advanced Physiology of Animals</td>
<td>CRN 54390</td>
<td>Prof. J. Neary</td>
<td>R 12:30-3:20 PM</td>
</tr>
<tr>
<td>ANSC 3405-H51</td>
<td>No-Credit Lab</td>
<td>CRN 54393</td>
<td></td>
<td>R 3:30-5:20 PM</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
<td>ANSC 2202 with a grade of B- or better and Honors student status or consent of instructor.</td>
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<tr>
<td>ANSC 4001-H01</td>
<td>Ethics in Research</td>
<td>CRN 29100</td>
<td>Prof. S. Prien</td>
<td>W 6:00-8:50 PM</td>
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<tr>
<td><strong>Seminar</strong></td>
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<td></td>
<td>A discussion of ethical issues involving research, including topics of: an overview of ethics, conflicts of interest, plagiarism, data falsification, animal welfare, and other topics of ethical concern pulled from current events. Reading assignments will be based on 1) reports of the incident in the popular press; and 2) reports and commentary in the Scientific Journals. The latter may include review of the paper(s) triggering the controversy. We will also have three guest lecturers to specifically address topics of ethics in research involving humans, legal aspects of research, and the ethics of interacting with industry. Each student will also be required to write a paper on an ethical topic of the day. The paper will be written in a debate style with the student being required to champion both sides of an ethical argument. An interest in research is required.</td>
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<tr>
<td><strong>THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.</strong></td>
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<tr>
<td>ARCH 2315-H01</td>
<td>History of World Architecture II</td>
<td>CRN 55599</td>
<td>Prof. C. Ellis</td>
<td>TR 12:30-1:50 PM</td>
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<tr>
<td><strong>Note:</strong> ARCH 2311 is not required before ARCH 2315.</td>
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<tr>
<td>Survey of the development of world architecture from the Renaissance through the 19th Century.</td>
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<tr>
<td><strong>CATALOG YEAR PRIOR TO 2014:</strong> THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL &amp; PERFORMING ARTS REQUIREMENT. <strong>CATALOG YEAR 2014-2015 AND LATER:</strong> THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.</td>
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<tr>
<td>ARCH 4311-H01</td>
<td>Architecture in Nonwestern Societies</td>
<td>CRN 45963</td>
<td>Prof. J. Aranha</td>
<td>TR 2:00-3:20 PM</td>
</tr>
<tr>
<td><strong>Seminar</strong></td>
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<tr>
<td></td>
<td>A study of multicultural architectural contributions, interrelationships of culture and architecture, diversity of traditions, meanings, modernity, and change in the nonwestern world.</td>
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<tr>
<td><strong>THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.</strong></td>
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<tr>
<td><strong>CATALOG YEAR PRIOR TO 2014:</strong> THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MULTICULTURAL REQUIREMENT. <strong>CATALOG YEAR 2014-2015 AND LATER:</strong> THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.</td>
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Solar system exploration is in the middle of exciting times. There are more robotic explorers scouring the solar system now than ever before. Join in this exploration while taking your natural science course. Learn all about our nearest neighbors, and what makes the Earth unique in the solar system. Study the latest missions, and find out how to see the latest images even before the scientists do!

**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 & PHYSICAL SCIENCES REQUIREMENT.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN#</th>
<th>Instructor</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 1400-H01</td>
<td>Solar System Astronomy</td>
<td>47540</td>
<td>TBD</td>
<td>MWF 3:00-3:50 PM</td>
</tr>
<tr>
<td>ASTR 1400-H51</td>
<td>No-Credit Lab</td>
<td>47576</td>
<td>TBD</td>
<td>W 4:00-5:50 PM</td>
</tr>
<tr>
<td>ASTR 1400-H71</td>
<td>Discussion</td>
<td>54594</td>
<td>TBD</td>
<td>TBD</td>
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</table>

**Prerequisites:**

Economic analysis applied to business decisions and strategy. Topics may include business valuation, pricing strategy, risk management, contracts, and organizational economics.

<table>
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<th>Instructor</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>BECO 4310-H01</td>
<td>Applied Business Economics</td>
<td>55755</td>
<td>Prof. E. Cardella</td>
<td>TR 2:00-3:20 PM</td>
</tr>
</tbody>
</table>

**Prerequisites:** ECO 2302 or ECO 2305 or AAEC 2305 with a grade of B- or better.

Fundamentals of organismal biology, population biology, and biological diversity. Second semester of an integrated course recommended for majors in biological and related sciences.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Instructor</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1404-H01</td>
<td>Biology II</td>
<td>39712</td>
<td>Prof. M. Dini</td>
<td>MW 2:00-3:20 PM</td>
</tr>
<tr>
<td>BIOL 1404-H51</td>
<td>No-Credit Lab</td>
<td>39713</td>
<td>TBD</td>
<td>R 2:00-4:50 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** BIOL 1403 with a grade of B- or better.

A study of the frequency and transmission of human genetics and chromosomal mutations and the application of this information to individual cases.

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<th>Instructor</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 3304-H01</td>
<td>Human Genetics</td>
<td>54340</td>
<td>Prof. B. Rodgers</td>
<td>TR 11:00 AM-12:20 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** BIOL 3416 with a grade of B- or better.

Now that you have some of the basics under your belt, see how you can apply them to some more advanced aspects of chemistry, the world around you, and maybe even to your career. This course continues what we started in CHEM 1307. We will cover chemical kinetics (Why do reactions go at different rates? What makes the processes of a diamond forming and a bomb exploding the same and different?), acid/base and ionic equilibrium (a must for medical school – ask anyone who has taken the MCAT), thermodynamics (great stuff for engineers), electrochemistry (it powers much in our lives), nuclear chemistry (a very relevant topic in this day and age), coordination chemistry (What makes compounds the colors that they are, anyway? What is chirality?), and much, much more.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS (WITH LAB) OF THE CORE CURRICULUM NATURAL SCIENCES REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 4 HOURS (WITH LAB) OF THE CORE CURRICULUM LIFE & PHYSICAL SCIENCES REQUIREMENT.**

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<tr>
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<th>Instructor</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1308-H01</td>
<td>Principles of Chemistry II</td>
<td>25855</td>
<td>Prof. D. Casadonte</td>
<td>TR 9:30-10:50 AM</td>
</tr>
<tr>
<td>CHEM 1308-H02</td>
<td>Principles of Chemistry II</td>
<td>52326</td>
<td>Prof. D. Casadonte</td>
<td>TR 12:30-1:50 PM</td>
</tr>
<tr>
<td>CHEM 1308-H03</td>
<td>Principles of Chemistry II</td>
<td>55757</td>
<td>Prof. D. Casadonte</td>
<td>TR 11:00 AM-12:20 PM</td>
</tr>
<tr>
<td>CHEM 1308-H71</td>
<td>Required Review Session</td>
<td>37059</td>
<td>TBD</td>
<td>M 5:00-6:20 PM</td>
</tr>
<tr>
<td>CHEM 1308-H72</td>
<td>Required Review Session</td>
<td>37060</td>
<td>TBD</td>
<td>T 5:00-6:20 PM</td>
</tr>
<tr>
<td>CHEM 1308-H73</td>
<td>Required Review Session</td>
<td>52350</td>
<td>TBD</td>
<td>M 3:30-4:50 PM</td>
</tr>
<tr>
<td>CHEM 1308-H74</td>
<td>Required Review Session</td>
<td>55780</td>
<td>TBD</td>
<td>T 3:30-4:50 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** CHEM 1307/1107 with a grade of B- or better and a grade of C or better in a college-level or AP High School calculus course.

**Co-requisite:** Required Review Session {either CHEM 1308-H71, H72, H73, or H74}; any section of CHEM 1108 (Lab) strongly recommended. Students with no college-level or AP High School calculus must take MATH 1451 as a co-requisite.
CHEM 3306-H01  Organic Chemistry II  (CRN# 25859)  TBD  MWF 9:00-9:50 AM

Prerequisite: CHEM 1307/1107, CHEM 1308/1108, and CHEM 3305/3105 with a grade of B- or better.
Co-requisite: Any section of CHEM 3106 (Lab) strongly recommended.

Upon successful completion of this course, students will be able to: 1) Identify and predict reagents and products for the synthesis and reactions of alcohols, aldehydes, ketones, carboxylic acids and derivatives and aromatic compounds, including regiochemistry and stereochemistry as appropriate. 2) Draw detailed mechanisms for representative examples of addition or addition/elimination reactions of carbonyl compounds and of electrophilic aromatic substitution. 3) Integrate their knowledge of reactions to propose new or modified reactions and multi-step syntheses and to relate these reactions to pharmaceutical and medicinal chemistry applications. 4) Interpret NMR spectra of organic molecules.

CLAS 2305-H01  Ancient Technology  (CRN# 51480)  Prof. C. Witmore  TR 2:00-3:20 PM

How did they build the pyramids? How far does a catapult shoot? From megalithic worlds to pyramids, from Greek perfume to castles, this course examines who technology, science and engineering contributed to the development of ancient European and Mediterranean societies, particularly the Egyptians, Greeks, and Romans.

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

CLAS 3320-H01  The World of Greece  (CRN# 56553)  Prof. D. Larmour  TR 12:30-1:50 PM

Examination of the literature, religion, mythology, history, art and legacy of ancient Greece. Fulfills multicultural requirement. Topics will include Greek gods and goddesses; The Trojan, Persian and Peloponnesian Wars; Athens vs Sparta; the rise of Democracy; Ideals of beauty; and the invention of Drama, Athletics, Philosophy, and Medicine. We will study important figures, such as Pericles, Sophocles. Socrates, Plato, and Alexander the Great.

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 AND MULTICULTURAL REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MULTICULTURAL REQUIREMENT.

COMS 2358-H01  Speaking for Business  (CRN# 55047)  TBD  TR 9:30-10:50 AM

Preparation for communicating in businesses and organizations. Focuses on internal communication practices, including speeches, seminars, presentations, interviews, and consulting.

CATALOG YEAR PRIOR TO 2014: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM ORAL COMMUNICATION REQUIREMENT.
“...To talk every day about virtue and the other things about which you hear me talking and examining myself and others is the greatest good to man, and that the unexamined life is not worth living....” Plato, Apology, 38a.

For a people to be “free” (liber) they must be educated in topics that help to ensure they can retain their freedom. Rhetoric, along with the other liberal arts (artes liberales), has long been the heart and soul of “being educated.” While encompassing persuasion, rhetoric also surpasses that discipline because it asks fundamental questions, as per Socrates, like, “What is virtue?” And, “what is the true, the good, the just, and the beautiful?” Rhetoric fuses cultural memory with dialectical discovery and leads us to understand how we think, why we disagree with each other, and what common ground may be present for building agreement.

Students in this course read primary ancient documents and discuss their timeless, but so timely, ideas. We begin with writings from the pre-Socratics, proceed to the sophists and Greco-Roman philosophers, on to Augustine, and then conclude with modern authors who make a connection to ancient rhetoric. The class is a combination of short lectures and Socratic dialogue. Assessment is based on several short student papers and class participation. Text-based student discussion (i.e., “flipped classroom”) is a major component of this class.

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

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<th>Time</th>
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</thead>
<tbody>
<tr>
<td>ECO 2305-H01</td>
<td>Principles of Economics</td>
<td>Prof. R. Al-Hmoud</td>
<td>TR 9:30-10:50 AM</td>
</tr>
<tr>
<td>EGR 1206-H31</td>
<td>Engineering Graphics Software A</td>
<td>Prof. L. Shturman</td>
<td>MW 10:00-11:50 AM</td>
</tr>
</tbody>
</table>

**ECO 2305-H01 Principles of Economics**

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

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

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</thead>
<tbody>
<tr>
<td>EMC 4301-H04</td>
<td>Adventure Media*</td>
<td>Profs. J. Foster and J. Keene</td>
<td>(See below)</td>
</tr>
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</table>

**EMC 4301-H04 Adventure Media**

Man (and woman) kind desire it, literature and journalism document and create a sense of it, and multi-million dollar industries promote it: ADVENTURE! This unique course offers students creative, critical, practical, and strategic insight and experience in assessing and producing media centered around the concept and popularized notion of adventure by placing them in the middle of it! Although scheduled for six Saturdays on campus, this class’s primary learning and application takes place during a Spring Break intensive outdoor lab amidst a southern New Mexico bike packing expedition through the Lincoln National Forest and the land made legendary by the likes of Kit Carson, Billy the Kid and Smokey Bear. Students will engage in various hands-on, professional creative media storytelling practices that communicate the natural world, a culture that continues to shape it, and an experience that defines modern-day exploration and adventure. This “study away” course is the only one in the nation that features bike packing as both the lab environment and source of course programming, and through this experience, students gain both tangible skills and intangible (and invaluable) perspectives on their abilities and place in the 21st century’s natural world. For more information, visit [http://www.blisteredspit.com](http://www.blisteredspit.com)

**Class Schedule**

January 27th - (morning cycling, course introduction and conceptual activity – Mae Simmons/Canyon Lake trails)
February 10th - (morning cycling and conceptual activity – Mae Simmons/Canyon Lake trails)
March 3rd-4th - (overnighter to Caprock Canyon State Park)
March 10th-18th - (southern New Mexico bike packing expedition; Spring Break)
April 7th - (production/critique lab – on campus)
April 21st - (production/critique lab – on campus)
May 5th - (production/critique lab – on campus)

*Instructor approval required: Please contact Dr. Jerod Foster (jerod.w.foster@ttu.edu) and Dr. Justin Keene (Justin.r.keene@ttu.edu).

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**
EMC 4310-H01  The Blockbuster: the 21st Century Film Industry (CRN# 55671)  Prof. R. Peaslee  TR 11:00 AM-12:20 PM

This course will explore the history, structure, and contemporary practices of the American feature film business. Through the lens of some of the biggest, most popular films in history (such as Jaws, Star Wars, Batman, and Avatar), the course will introduce students to theories and issues related to film production, distribution, and exhibition, as well as exploring the role of the audience in supporting that industry. Students will also receive practical experience promoting and marketing a feature film. After completing the course, students will understand the historical developments that led to Hollywood’s key role in global culture; will understand and be able engage critically with theories of mass culture, globalization, the film text, and reception/fandom; will learn to see entertainment products as contributory to social life and vice versa; will attain theoretical and practical knowledge in the marketing of a film or an event; and will understand the dynamic relationship between institutions, texts, and audiences.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

ENGL 2391-H01  Introduction to Literary Studies (CRN# 56675)  Prof. K. Caswell  TR 2:00-3:20 PM

Join Professor Kurt Caswell on a journey through four genres and four worlds while practicing college writing. Among our greatest scientists, thinkers, and leaders, there is no debate that our climate is changing. There is no debate that a changing climate is driving the engine of species extinction at an alarming rate. And there is no debate about what is causing climate change: human activity, human civilization, you and me. In this course, we will explore our culture’s vision of, and fascination with “the end of the world,” and ask what hope, if any, may reside there. We will examine the way human beings respond to the conditions of choice and chance, as well as to violation and reconciliation. We will investigate how and why human beings are in conflict with themselves, and the potential consequences of that conflict. We’ll move from interior conflicts with exterior consequences (Wordsworth’s poetry, The Sixth Extinction), to a vision of a dire and brutal future (The Sixth Extinction, The Road), and end with a vision of the possibility of reconciliation and justice (Much Ado About Nothing). To do so, we will focus our efforts on practicing college writing. This course is reading and writing intensive.

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

ENGR 2392-H01  Engineering Ethics and Its Impact on Society (CRN# 47745)  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.


HDFS 2322-H01  Partnering: The Development of Intimate Relationships (CRN# 54344)  Prof. D. Weiser  MWF 10:00-10:50 AM

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

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL & BEHAVIORAL SCIENCES REQUIREMENT.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDFS 3306-H01</td>
<td>Child and Adolescent Guidance</td>
<td>(CRN# 56203)</td>
<td>Prof. M. Ziegner</td>
<td>MWF</td>
<td>9:00-9:50 AM</td>
</tr>
<tr>
<td>HIST 2300-H01</td>
<td>History of U.S. to 1877</td>
<td>(CRN# 25904)</td>
<td>Prof. K. Moore</td>
<td>TR</td>
<td>11:00 AM-12:20 PM</td>
</tr>
<tr>
<td>HIST 2301-H01</td>
<td>History of the U.S. Since 1877</td>
<td>(CRN# 25911)</td>
<td>Prof. R. Verrone</td>
<td>TR</td>
<td>9:30-10:50 AM</td>
</tr>
<tr>
<td>HIST 3337-H01</td>
<td>Science in American Society</td>
<td>(CRN# 49832)</td>
<td>Prof. G. Bell</td>
<td>T</td>
<td>6:00-8:50 PM</td>
</tr>
</tbody>
</table>

**Prerequisite:** HDFS 3301 with a grade of B- or better and 3.0 GPA.

Development of strategies for promoting self-discipline, creative capacities, and positive relationships with children and adolescents.

This course will introduce students to the major problems and themes in U.S. History from 1492 to Reconstruction. We will look closely at the founding documents and primary sources of information, with emphasis on important figures. There will be an assortment of readings, papers, discussions and tests throughout the semester.

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

"America grew up in the country then moved to the city," wrote one prominent American historian. A bitterly divided, largely agrarian country at the end of the Civil War, the United States grew to be a world power by the end of the nineteenth century. That power would only grow over the next 100 years—a time in which American influence reached far beyond its national lens. However, the pace of growth and development were not without consequences. A continuing struggle between rhetoric and reality tested the American character, social landscape, and confidence. This course introduces students to the paradoxes, struggles, successes, conflicts and failures of American history, from 1877 to the present.

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

This seminar examines some of the basic issues involved in the interplay that exists in our modern society between science and the general society in which it functions. Taught by a practicing scientist and a constantly questioning historian, our focus is to dwell on some of the specific topics that have historically dominated science/societal interactions, such as: What is science? What is the difference between science and technology? What contributions do scientists make to society and how does society respond to science? To what extent should society set the agenda for science? To what extent should science take social and political issues into account in their research programs? How should we evaluate conflicts between scientific findings and religious beliefs? What are the ethical implications of scientific developments such as the potential to reshape the human genome, to modify food crops and domestic animals genetically, or to use fetal stem cells to cure diseases? This class is intended for both science and non-science students. The instructors of this course take the approach that scientific explanations for natural phenomena which have been proposed by scientists and evaluated by their peers (and which have been used repeatedly to create the technology that we take for granted in our daily life) provide the best understanding of our natural world, but there will be many opportunities for discussion, challenge, and interaction over all of these topics.

THUS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.
**Prerequisite:** Junior standing or consent of instructor.

This course explores the history of the Soviet Union as it emerged from the cataclysm of the most destructive war in modern history. In the following decades the Soviet Union was rebuilt and the Soviet state attempted to create “actually existing socialism.” Using a wide range of primary and secondary sources (especially feature films and novels), students will analyze the development of the Soviet Union and post-Soviet Russia from a variety of perspectives: political, social, economic, and cultural. We will pose a variety of questions, including: how did the Soviet political system develop after Stalin’s death in 1953? Why did the Cold War emerge, and how did the Soviets attempt to compete with the United States militarily, economically, and culturally? What happened to the massive apparatus of terror and forced labor, not to mention former prisoners, after Stalin’s death?

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

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**HONS 1301-H01 Exploration of Critical Issues in American Higher Education**

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

**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, & CULTURE REQUIREMENT.**

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**HONS 1301-H02 Middle East: Politics, Religion, and History**

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

**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, & CULTURE REQUIREMENT.**
**HONS 1301-H03  India: Politics, Religion, and History**  (CRN# 56619)  Prof. J. Hodes  MWF 12:00-12:50 PM

This course will introduce students to the civilization of India. It will explore the religions, history, and politics of the subcontinent starting from the dawn of the Indus river valley civilization. It will explore Hinduism and the birth of Buddhism, and discuss the Islamic invasion of India as well as the emergence of Sikhism. The course will chart the development of the Mogul empire and the British colonial experience. It will explore the rise of Indian nationalism and how Gandhi through nonviolent civil disobedience was able to bring the British Empire to its knees. We will examine how the British left in 1947, the partition of India and the creation of the two nations, Pakistan and India. We will then explore the wars fought between Pakistan and India and look at the rise of the current ruling power in India.

**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, & CULTURE REQUIREMENT.

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<tr>
<th>Course Code</th>
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<th>Instructor</th>
<th>Time</th>
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<tbody>
<tr>
<td>HONS 1304-H01</td>
<td><strong>Texas Music History: Race, Class, and Gender</strong></td>
<td>25938</td>
<td>Prof. C. Peoples</td>
<td>TR 5:00-6:20 PM</td>
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</tbody>
</table>

This course is a history of Texas music. Texas has a celebrated music history making it a premier location to study topics related to music and place within the frameworks of race, class, and gender. Students will explore topics such as history, process, style, socioeconomics, women’s studies, social constructs, and identity, as well as other related topics in relation to music. The course will examine various music styles like conjunto, orchestra, Tejano, blues, jazz, rap, and other popular musical forms. Students will read materials related to music, race, class, and gender from a variety of sources and 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.

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<th>Course Code</th>
<th>Course Title</th>
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<th>Time</th>
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<tbody>
<tr>
<td>HONS 1304-H02</td>
<td><strong>Creative Processes</strong></td>
<td>50176</td>
<td>Prof. A. Wilkinson</td>
<td>M 2:00-4:50 PM</td>
</tr>
</tbody>
</table>

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

**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.

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<th>Time</th>
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<tr>
<td>HONS 1304-H03</td>
<td><strong>The Music of the Beatles</strong></td>
<td>56641</td>
<td>Prof. M. Morton</td>
<td>TR 5:00-6:20 PM</td>
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</table>

This is a one-semester course that will focus on the musical analysis of the works of Beatles, and their profound influence on popular music and culture at large. This course will explore their melodies, harmonies, song forms, lyrics, musical roots, and evolution of their collective and individual styles. Further, it will explore the Beatles’ (and their producer, George Martin’s) innovative instrumentation and creative use of cutting-edge recording technology. You do not have to be a musician, or even be able to read music. All You Need is Love, curiosity, an open ear and mind, and a willingness to learn.

**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.

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<tbody>
<tr>
<td>HONS 3300-H01</td>
<td><strong>Individual Honors Research</strong></td>
<td>40043</td>
<td>Prof. A. Smith</td>
<td></td>
</tr>
<tr>
<td>HONS 3300-H02</td>
<td><strong>Individual Honors Research (HAL Majors Only)</strong></td>
<td>40040</td>
<td>Prof. J. Brink</td>
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**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).

For more information, contact Professor Allie Smith (allie.c.smith@ttu.edu) or Professor Jim Brink (HAL majors only) (jim.brink@ttu.edu).
HONS 3301-H06  Philosophical Issues and Problems in Human Caring  (CRN# 50179)  Prof. K. Ketner  TR 9:30-10:50 AM

SEMINAR
How shall I best live MY professional life? This fundamental question will be the focus of our course. While originally designed for health-care pre-professionals, we now consider this topic in the context of any profession. Class procedures feature intensive open discussions of difficult issues in the context of short readings, keeping a journal (about one paragraph per class meeting), and focus on improved critical thinking skills.

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  Honors Seminar in Healthcare  (CRN# 49147)  Prof. K. Chapman  T 4:00-6:50 PM

SEMINAR
The Honors College Seminar in Healthcare introduces students to the roles and responsibilities of healthcare professionals in the disciplines of medicine, nursing, allied health sciences, pharmacy, and research. Healthcare professionals will provide personal and professional insight into the roles and responsibilities of the different disciplines, current healthcare issues, technologies, ethics, and the requirements and expectations of students applying for admission into healthcare fields of study. Students will have the unique opportunity to meet faculty and professionals in practice. Highlights of the class will include tours of Texas Tech University Health Sciences Center’s (TTUHSC) gross anatomy lab, the TTUHSC diagnostic laboratories, the Garrison Center, the SimLife Center and the Student Synergistic Center, as well as attendance at the TTUHSC Community Medical School.

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

HONS 3304-H01  Music and Your Mind  (CRN# 26134)  Prof. P. Martens  MWF 2:00-2:50 PM

SEMINAR
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 & PERFORMING ARTS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
Monty Python is arguably the most important comedy troupe in history. Their brand of humor is so ingrained in our popular culture, the term “Pythonesque” refers to humor that is absurdist and surreal. Python’s impact worldwide, and especially in American Culture, shows how this British Comedy troupe reinvented intelligent comedy in post-war society. The relevancy of their special comedy style continues to be felt in shows like *Saturday Night Live*, *South Park*, *Mystery Science Theater 3000*, and *Rick and Morty*. Monty Python has been called “The Other British Invasion” for their influence on American culture because of *Monty Python’s Flying Circus*, which aired on PBS during the 1970s. Their movies (*The Holy Grail*, *The Meaning of Life*, *The Life of Brian*) and films, television and theater shows related to Python and its members (*Brazil*, *Fawlty Towers*, *A Fish Called Wanda*, and *Spamalot*) continue to be iconic. This course looks at the historical influences on Monty Python, their solo works, *Flying Circus* television program, their movies, and their impact on the cultural landscape. This course will highlight the importance of sketch comedy, historically and today. Students will also learn how the role of satire relates to critically thinking about the world we live in. Please note this course contains mature themes and ideas.

**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 & PERFORMING ARTS REQUIREMENT.**

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

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<th>Instructor</th>
<th>Days and Time</th>
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<tr>
<td>HONS 3304-H02</td>
<td>Icons of Popular Culture: Monty Python, Sketch Comedy, Satire, and the Art of the Absurd</td>
<td>26143</td>
<td>Prof. R. Weiner</td>
<td>M 6:00-8:50 PM</td>
</tr>
<tr>
<td>HONS 3304-H04</td>
<td>Intersections of Film and Dance</td>
<td>47447</td>
<td>Prof. A. Duffy</td>
<td>TR 9:30-10:50 AM</td>
</tr>
<tr>
<td>HONS 3305-H01</td>
<td>European Fine Arts</td>
<td>43997</td>
<td>Prof. J. Brink</td>
<td>TR 11:00 AM-12:20 PM</td>
</tr>
</tbody>
</table>

Note: This is a required course for all HAL majors. Non-Honors students who wish to take this course must visit with Dr. Brink (jim.brink@ttu.edu) before obtaining a permit.
Individual Honors Research (CRN# 26158)  
Prof. K. Caswell

Individual Honors Research (HAL Majors Only) (CRN# 39398)  
Prof. J. Brink

Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS.  
Prerequisite: Completion of HONS 3300-H01 or HONS 3300-H02.

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).

For more information, contact Professor Kurt Caswell (kurt.caswell@ttu.edu) or Professor Jim Brink (HAL majors only) (jim.brink@ttu.edu).

Journeys: Introspection, Investigation, and Intellectual Prospecting (CRN# 54391)  
Prof. A. Wong

Every year, I tease my students with Aliza's “Top 100 Must Read Books Before You Are Age 40” list of readings. And every year, I fail to finalize the list because another book comes into contention or I rearrange the list or I end up in a quibble with someone about one of my selections... This Summit course will be a reading/writing collaborative experience in which we select some of these books (and quibble about them) and discuss what makes it part of our cultural heritage, how we determine what merits a place in the canon, why they are significant historically, politically, economically, scientifically, culturally, socially, creatively. For students who are preparing for medical school interviews or for cocktail banter or who simply want to improve their cultural fluency so that when they take on leadership roles, they can begin to contextualize why we are here, where we came from, and the possibilities of where we can go, I invite you to join us on this journey of intellectual prospecting.

This course fulfills 3 hours of the Honor's Summit requirement.

How to Keep a Naturalist’s Notebook (CRN# 54392)  
Prof. S. Tomlinson

This course will focus on the way field skills and interpretation of landscape and environment are used in the natural history tradition. We will cover keeping a comprehensive nature journal, identifying flora and fauna, mapmaking and orienteering, and the many ways technology and science affect society and the environment. Students will also learn to interpret and express their field experiences through writing and drawing.

This course fulfills 3 hours of the Honor's Summit requirement.

Making a Sustainable Future: Environmental, Economic, and Social Impacts of Sustainability (CRN# 55849)  
Prof. J. Carrell

What is sustainability? How do you design and engineer a product that is sustainable? How do you assess the sustainability of a product or process? This Summit course will attempt to answer these questions. Students will learn about the complexity of sustainability as it relates to the environment, economy, and society. We will introduce and discuss sustainable design methodologies like environmentally conscious design and design for the environment. Finally, we will look to assess the sustainability of products and processes through life-cycle assessment.

This course fulfills 3 hours of the Honor's Summit requirement.

Travel Writing (CRN# 54597)  
Prof. K. Caswell

Are you a traveler, an explorer, a free spirit with a deep desire to see the world? Have you already seen some of the world, and want to learn how to tell your story? Or are you a writer who wants practice in the art of travel writing? If you answer YES to any of these questions, this course is for you. In this workshop course in nonfiction travel writing, our major work will be to craft and revise travel essays with an eye toward publication. Students will also read great travel writing and great travel writers—we’ll use the 2014 edition of The Best American Travel Writing as our text.

This course fulfills 3 hours of the Honor's Summit requirement.
The Arab Israeli Conflict

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.

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.

Space, Place, and Human Health

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 class will emphasize Nicaragua, one of the poorest countries in Latin America and include a required one-week study abroad experience in Jinotega, a city in the northern part of the country over spring break. It is a service-learning class with the service performed during our stay in Jinotega.

Interested students must make an appointment to meet with Dr. Elbow (gary.elbow@ttu.edu) and receive his approval to enroll in this course. The deadline for contacting Dr. Elbow is Friday, October 13th, 2017.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

Constitutional Law

A study of the federal judiciary’s doctrine and practice of judicial review; judicial power and the jurisdiction of the federal courts; the powers of Congress, including its power to regulate commerce; the power of the states to regulate commerce; the separation of powers; and the protection of private rights, privileges, and immunities under the Constitution, including the rights of due process, equal protection, freedom of expression, and freedom of religion. Class will be held in Law, Room 00106.

THIS COURSE FULFILLS 4 HOURS OF THE HONORS SEMINAR REQUIREMENT.
### HONS 4401-H02  Property Law

**CRN# 55807**

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<thead>
<tr>
<th>Prof. G. Beyer</th>
<th>MTWR 1:00-1:50 PM</th>
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**SEMINAR**

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5403-001. Application to take this course is required. **Applications are due Friday, October 20th, 2017 to Sarah.Timmons@ttu.edu.** 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. Law classes commence one week earlier than TTU undergraduate courses. **HONS 4401-H02 will begin on Tuesday, January 9th, 2018.**


An introduction to the law of personal property and real property, including estates and other interests in land, real property marketing and conveying, and landlord and tenant problems. Class will be held in Law, Room 00105.

**THIS COURSE FULFILLS 4 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

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### HONS 4301-H0X  Criminal Law

**TBA**

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<thead>
<tr>
<th>Prof. B. Shannon</th>
<th>WRF 9:00-9:50 AM</th>
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**SEMINAR**

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5310-001. Application to take this course is required. **Applications are due Friday, October 20th, 2017 to Sarah.Timmons@ttu.edu.** 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. Law classes commence one week earlier than TTU undergraduate courses. **HONS 4301-H0X will begin on Tuesday, January 9th, 2018.**


Inquiry into the sources and goals of the criminal law, limitations on the state’s power to define criminal liability, general principles of liability and defenses, and the characteristics of particular crimes. Class will be held in Law, Room 00106.

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

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### HUM 2302-H01  Western Intellectual Tradition II

**CRN# 26165**

<table>
<thead>
<tr>
<th>Prof. J. Brink</th>
<th>TR 9:30-10:50 AM</th>
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Note: This is a required course for all HAL majors. Non-Honors students who wish to take this course must visit with Dr. Brink ([jim.brink@ttu.edu](mailto:jim.brink@ttu.edu)) before obtaining a permit.

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 some “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 Western modern world? These are some of the questions that we will be addressing in the class. This interdisciplinary course proposes a close look at some of the intense “knots” of novelty in philosophy, literature, and the arts from Renaissance to our times, with the aim of bringing about a better understanding of how cultural history works and how the new is being produced.

**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.
IE 2324-H01  Engineering Economic Analysis  (CRN# 54645)  Prof. J. Carrell  TR 9:30-10:50 AM

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

Evaluation of economics of engineering proposals for cost and profitability.

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

| ISQS 3344-H01  Introduction to Production and Operations Management  (CRN# 54675)  Prof. L. Lay  T 11:00 AM-12:20 PM |
|----------------------------------|------------------|------------------|
| ISQS 3344-702  Discussion  (CRN# 26155)  Prof. J. Flamm  R 11:00 AM-12:20 PM |

**Prerequisites:** ISQS 2340 with a grade of B- or better; MATH 2300 or 2345 with a grade of B- or better.  
**Co-requisite:** 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 & APPLIED SCIENCE REQUIREMENT.  
**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

| MATH 1451-H01  Calculus I  (CRN# 49573)  Prof. P. Schovanec  MWF 12:00-12:50 PM |
|---------------------------------|------------------|------------------|
|                                | W 1:00-1:50 PM   |

**Prerequisites:** MATH 1350 or MATH 1550 with a grade of B- or better; or MATH 1321 with a grade of B or better; or Code 7 on the MPE; or a score of at least 660/29 on the SATM/ACTM; or a score of at least 3 on the AP AB Calculus exam and Code 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.

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

| MATH 1452-H01  Calculus II  (CRN# 45955)  Prof. R. Higgins-Siwatu  MWF 2:00-2:50 PM |
|----------------|------------------|------------------|
|                | M 1:00-1:50 PM   |

**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 2017:** THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.  
**CATALOG YEAR 2017-2018 AND LATER:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
MATH 1452     Calculus II     (CRN# 46038)     Prof. R. Iyer     TR 11:00 AM-12:20 PM
R 9:30-10:20 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 2017: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

**CATALOG YEAR 2017-2018 AND LATER: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

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MATH 2360     Linear Algebra     (CRN# 26219)     Prof. G. Ke     MWF 11:00-11:50 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 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     Calculus III     (CRN# 45951)     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 3342     Mathematical Statistics for Engineers and Scientists     (CRN# 47451)     Prof. L. Ellingson     TR 11:00 AM-12:20 PM

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

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

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.

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MATH 3350     Higher Mathematics for Engineers and Scientists I     (CRN# 26226)     Prof. A. Solynin     TR 9:30-10:50 AM

**Note:** MATH 3350 and MATH 3354 may not both be counted toward a mathematics major or minor. Mathematics majors should take MATH 3354 and have the consent of the department to take MATH 3350.

**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.
Prerequisite: BIOL 1402 with a B- or better or BIOL 1403 and 1404 with a B- or better; prerequisite or co-requisite CHEM 3305.

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.

Prerequisite: MBIO 3401 with a grade of B- or better or consent of the instructor.

Anatomy and physiology of the bacterial cell. A molecular approach. (Writing Intensive)

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

Properties of pure substances, ideal gas behavior, first and second law analysis, and applications to energy conversion and power cycles.

Prerequisites: 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.

Prerequisite: B- or better in ECO 2302 or ECO 2305 or AAEC 2305.

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.
Housed as part of the undergrad music history course “MUHL 3303: Music as Cultural History: The Modern Period,” this historical role-playing game replaces the traditional research paper, and explores the idea of historical contingency: that is, the realization that, at certain historical moments, “things could have been different.” “What if” Wagner had never received the funding to found the Bayreuth Festspielhaus? “What if” Erik Satie had paid attention to Claude Debussy, and decided it was time to quit the Stephen Colbert-esque parody and “get serious about composing?” “What if” Charles Ives had been able to persuade an orchestra to play his Second Symphony when he wrote it in 1906, instead of almost fifty years later in 1951? In this class, students take on the roles of historical figures: Cosima Wagner, Satie, Debussy, Nicholas Slonimsky, and some “contingent” figures who “might have been”: a Stephen Foster who lived to a happy old age, an Igor Stravinsky whose Rite of Spring provoked ovations instead of a riot, and then they “game out” the contingent, alternate-history scenarios—the “what if it had been different” situations which could have changed the story.

Open to Music majors who have completed MUSI 1300, MUHL 2301, and MUHL 3302 and to Honors students with music familiarity. Meets MWF 11:00-11:50 AM, plus one additional class/discussion/workshop session per week, Monday mornings, 7:00-7:50 AM. Grade assessed on the basis of final presentations during “Staging Day”. Contact Christopher.smith@ttu.edu for more information and instructor permission (required).

Note: The course’s pre-requisites have been waived for Honors students with music familiarity. Instructor permission is required. To receive Honors credit, Honors students must attend all Monday morning (7:00-7:50 AM) sessions. In doing so, the writing requirement for the course is waived.

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

ATHENS | ZHUO (in ancient China) | JERUSALEM
--- | --- | ---
EPICS | Odyssey by Homer | Monkey by Wu Ch’êng-ên | Exodus, Numbers, Joshua
PHILOSOPHICAL DIALOGS | Republic by Plato | Analects by Confucius | Mencius by Mencius
 |  | Talmud | by Hillel et al.

The course will bridge cultures, disciplines, and centuries. It will investigate, compare, and contrast the foundational epics and philosophic dialogs of the ancient Greeks, Chinese, and Israelites. The core question of the course will be this: “How does a person become good?”

Reading the epics philosophically and the dialogs as literary works brings them closer together in form, yet they disagree among themselves both about the nature of virtue and moral knowledge, and also about how to gain these things. For example, the dialogs suggest that people become good through directed dialog while the epics attempt to induce moral development via vicarious experience. Another example is this: while the Greek tradition endorses reason as the driver of the moral maturation process, the Confucian tradition takes ritual to be the main mechanism, and the Israelite tradition focuses upon righteousness, understood as following certain rules.

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.

PHYS 1408-H01  Principles of Physics I  (CRN# 45874)  TBD  TR 9:30-10:50 AM
PHYS 1408-H51  No-Credit Lab  (CRN# 45875)  M 8:00-9:50 AM
PHYS 1408-H71  Discussion  (CRN# 46008)  M 10:00-10:50 AM

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

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 & PHYSICAL SCIENCES REQUIREMENT.

PHYS 2401-H01  Principles of Physics II  (CRN# 33817)  TBD  TR 11:00 AM-12:20 PM
PHYS 2401-H51  No-Credit Lab  (CRN# 41373)  W 2:00-3:50 PM
PHYS 2401-H71  Discussion  (CRN# 46006)  T 1:00-1:50 PM

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

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 & PHYSICAL SCIENCES REQUIREMENT.

PSY 1300-H01  General Psychology  (CRN# 55167)  Prof. M. Serra  TR 12:30-1:50 PM

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 & BEHAVIORAL SCIENCES REQUIREMENT.
PSY 3304-H01  Introduction to Social Psychology  (CRN# 39069)  Prof. J. Alquist  TR 2:00-3:20 PM

Prerequisite: PSY 1300 with a grade of B- or better.

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

SPAN 2301-H01  A Second Course in Spanish I  (CRN# 52137)  TBD  MWF 10:00-10:50 AM

Prerequisite: SPAN 1502 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# 45511)  TBD  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.

THA 2301-H01  Introduction to Acting  (CRN# 50182)  Profs. D. Nolen  TR 3:30-4:50 PM

THA 2301-H02  Introduction to Acting  (CRN# 56679)  Prof. W. Gelber  TR 11:00 AM-12:20 PM

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

SPRING 2018 HONORS SEMINARS

FULL/CLOSED courses are listed in red text

ANSC 4001-H01  Ethics in Research    W 6:00-8:50 PM
ARCH 4311-H01  Architecture in Nonwestern Societies  TR 2:00-3:20 PM
CLAS 3320-H01  The World of Greece    TR 12:30-1:50 PM
COMS 3310-H01  Rhetoric in Western Thought  TR 9:30-10:50 AM
EMC 4301-H04  Adventure Media     (See course description)
EMC 4310-H01  The Blockbuster: the 21st Century Film Industry    TR 11:00 AM-12:20 PM
HIST 3337-H01  Science in American Society   T 6:00-8:50 PM
HIST 4361-H01  The USSR and the Cold War    MWF 9:00-9:50 AM
HONS 3301-H06  Philosophical Issues and Problems in Human Caring   TR 9:30-10:50 AM
HONS 3302-H01  Honors Seminar in Healthcare  T 4:00-6:50 PM
HONS 3304-H01  Music and Your Mind  MWF 2:00-2:50 PM
HONS 3304-H02  Monty Python, Sketch Comedy, Satire, and the Art of the Absurd   M 6:00-8:50 PM
HONS 3304-H04  Intersections of Film and Dance  TR 9:30-10:50 AM
HONS 3305-H01  European Fine Arts    TR 11:00 AM-12:20 PM
HONS 4401-H01  Constitutional Law    TWRF 10:00-10:50 AM
HONS 4401-H02  Property Law    MTWR 1:00-1:50 PM
HONS 4301-H0X  Criminal Law    WRF 9:00-9:50 AM
PFP 3301-H01  Introduction to Personal Finance  TR 12:30-1:50 PM
PHIL 3341-H01  Philosophy and Literature    TR 12:30-1:50 PM

SPRING 2018 HONORS SUMMITS

FULL/CLOSED courses are listed in red text

HONS 4302-H01  Journeys: Introspection, Investigation, and Intellectual Prospecting  MWF 2:00-2:50 PM
HONS 4302-H02  How to Keep a Naturalist's Notebook    T 2:00-4:50 PM
HONS 4302-H03  Making a Sustainable Future    TR 2:00-3:20 PM
HONS 4302-H04  Travel Writing    TR 12:30-1:50 PM
HONS 4302-H05  The Arab Israeli Conflict  MWF 3:00-3:50 PM
HONS 4302-HS3  Space, Place, and Human Health  MWF 8:00-8:50 PM
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

**HONS 4302-H04  Walking the Camino**

**(CRN# 70834)**

Prof. K. Caswell  May 18th – June 5th, 2018

SUMMIT

*Prerequisite:* Instructor approval is required. *To apply, e-mail Kurt.caswell@ttu.edu.*

*Course dates:* May 18th – June 5th, 2018 in Spain.

***STUDY ABROAD IN SPAIN:*** Contact Professor Kurt Caswell for more information.

Spain is our classroom in this Honors summit experience course: a two-week backpacking trip on the Camino de Santiago, the famed thousand year-old pilgrimage route to the picturesque city of Santiago de Compostela. We’ll focus our work on developing leadership skills and understanding group dynamics, as well as exploring the natural and cultural history of northern Spain and the Camino. Students will take on leadership roles, and be offered peer feedback on judgment and decision-making. Creative and critical writing and reading will complete our training. We’ll conduct writing workshops in the field. In addition, we’ll attend to experiences in solitude and in community, and make a point of exploring the flora, fauna, geology, weathers, archaeology, history, and culture of the region.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

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**HONS 3302-H01  Epidemiology of Infectious and Chronic Diseases**

**(CRN# 69999)**

Prof. A. Smith  MTWRF 10:00-11:50 AM

SEMINAR

*Prerequisite:* MBIO 3400 or MBIO 3401 with a grade of B- or better or consent of instructor.

Epidemiology is the study of the distribution and determinants of health-related states or events, including infectious disease, and the application of this study to the control of diseases and other health problems. This course introduces basic principles and methods used in epidemiology and its application to public health issues and practices, and will explore various methods that can be utilized to carry out epidemiological investigations, including surveillance and analytical studies. *This course will count as an upper-level Biology credit per approval of the departmental advisor.*

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 & 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# 37934)**

Prof. P. Martens  MTWRF 2:00-3:50 PM

SEMINAR

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 & PERFORMING ARTS REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
**HONS 3304-H02**  
*Three French Revolutions in Art*  
(CRN# 33904)  
Prof. D. Nathan  
June 5th – July 7th, 2018  
SEMINAR

Prerequisite: Instructor approval is required. To apply, e-mail Daniel.Nathan@ttu.edu and Aliza.Wong@ttu.edu.  
Course dates: June 5th – July 7th, 2018 in France/Italy.

***STUDY ABROAD IN FRANCE/ITALY: Contact Dr. Daniel Nathan and Dr. Aliza Wong for more information.***

**HONS 4302-H02**  
*Great Cities of Italy*  
(CRN# 37838)  
Prof. A. Wong  
June 5th – July 7th, 2018  
SUMMIT

Prerequisite: Instructor approval is required. To apply, e-mail Daniel.Nathan@ttu.edu and Aliza.Wong@ttu.edu.  
Course dates: June 5th – July 7th, 2018 in France/Italy.

***STUDY ABROAD IN FRANCE/ITALY: Contact Dr. Daniel Nathan and Dr. Aliza Wong for more information.***

**HONS 4302-H03**  
*Joan of Arc: The Most Famous Teenager in History*  
(CRN# 37935)  
Prof. J. Brink  
MTWRF 10:00-11:50 AM  
SUMMIT

Arguably the most famous teenager in history, Joan of Arc has been embraced as a symbol for France, for feminism, for the right, for the left, in fact for nearly the whole spectrum of human identification. That she lived, that she played a very important role in relieving France of an “invading” army (the English and their Burgundian allies), that she was captured, tortured, tried and executed, all are without doubt. Just how she has become a symbol for such a variety of “causes”, even the inspiration for a television series of a modern girl, is more problematic. And that’s what we’re going to investigate, almost like a “cold case” approach to the facts and myths of her life, trial, and death. We possess the trial transcript, drawn up by the prosecution. In other words, the responses to the prosecution’s questions (there was no defense!) ascribed to this nineteen year old illiterate peasant girl were preserved by those most intent on seeing her discredited and found guilty of a vast array of charges, principal among which was witchcraft. We will look at the facts, the facts, but not nothing but the facts in a seminar built on individual reports by the class. Where does truth lie and where does myth begin? This is rich material, from the transcript to histories, to plays and films and art. The fascinating life and larger than life impact of this teenager will be a microcosm for how history “treats” figures for purposes that spontaneously present themselves.

**HONS 3304-H02**  
*Three French Revolutions in Art*  
(CRN# 33904)  
Prof. D. Nathan  
June 5th – July 7th, 2018  
SEMINAR

Prerequisite: Instructor approval is required. To apply, e-mail Daniel.Nathan@ttu.edu and Aliza.Wong@ttu.edu.  
Course dates: June 5th – July 7th, 2018 in France/Italy.

***STUDY ABROAD IN FRANCE/ITALY: Contact Dr. Daniel Nathan and Dr. Aliza Wong for more information.***

PHIL 3322-H01  
*Biomedical Ethics*  
(CRN# 70843)  
Prof. F. di Poppa  
MTWRF 2:00-3:50 PM  
SEMINAR

Discussion of conceptual and moral problems surrounding such issues as abortion, euthanasia, genetic research, behavior control, allocation of medical resources, health, and disease.

**PHIL 3322-H01**  
*Biomedical Ethics*  
(CRN# 70843)  
Prof. F. di Poppa  
MTWRF 2:00-3:50 PM  
SEMINAR

Discussion of conceptual and moral problems surrounding such issues as abortion, euthanasia, genetic research, behavior control, allocation of medical resources, health, and disease.

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*Biomedical Ethics*  
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MTWRF 2:00-3:50 PM  
SEMINAR

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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>Time</th>
</tr>
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<tbody>
<tr>
<td>HONS 3304-H01</td>
<td>Icons of Pop Culture: The Marvel Universe</td>
<td>68405</td>
<td>Prof. R. Weiner</td>
<td>MTWRF 4:30-6:20 PM</td>
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<tr>
<td>HONS 4302-H02</td>
<td>TBD</td>
<td>70662</td>
<td>Prof. J. Carrell</td>
<td>MTWRF 10:00-11:50 AM</td>
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**SEMINAR**

Since 2008, the Marvel Cinematic Universe Films have been the template for the modern blockbuster. Marvel Studios created a shared universe that includes feature films, network television, and several streaming series. The MCU films have generated over four billion dollars domestically, showing just how iconic Marvel characters are. Long before being purchased by Disney in 2009, Marvel has a long history dating back to the pulp publishing industry of the 1930s when it was called Timely Comics. In the early 1960s, Stan Lee, Jack Kirby, Steve Ditko, and others created the Marvel Universe that is so iconic today. This section of Pop Culture Icons will study the history of Marvel, key artists and writers, Marvel films and television (including Marvel Studios and Cinematic Universe), and some of the key characters in the Marvel Universe. As a class, we will discuss why so many of Marvel’s 5,000 characters have become part of our modern day mythology.

**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 & PERFORMING ARTS REQUIREMENT.**

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

**SUMMIT**

**TBD**

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**
SUMMER 2018 SEMINARS

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

Summer I 2018
HONS 3302-H01  Epidemiology  MTWRF 10:00-11:50 AM
HONS 3304-H01  Music and Your Mind  MTWRF 2:00-3:50 PM
HONS 3304-H02  Three French Revolutions in Art (Study abroad in France/Italy)  June 5th – July 7th, 2018
PHIL 3322-H01  Biomedical Ethics  MTWRF 2:00-3:50 PM

Summer II 2018
HONS 3304-H01  The Marvel Universe  MTWRF 4:30-6:20 PM

SUMMER 2018 SUMMITS

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

Maymester 2018
HONS 4302-H04  Walking the Camino (Study abroad in Spain)  May 18th – June 5th, 2018

Summer I 2018
HONS 4302-H02  Great Cities in Italy (Study abroad in France/Italy)  June 5th – July 7th, 2018
HONS 4302-H03  Joan of Arc  MTWRF 10:00-11:50 AM

Summer II 2018
HONS 4302-H02  TBD  MTWRF 10:00-11:50 AM