



TEXAS TECH UNIVERSITY
Honors College[™]

Spring 2019
COURSE OFFERINGS

ADMISSION TO HONORS COURSES

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

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

GRADUATION WITH HONORS DESIGNATIONS

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

A student who wishes to graduate with the transcript designation “with Highest Honors from the Honors College” must complete an Honors Thesis and 30 hours of Honors coursework. Permission from the Honors College is required before beginning the Honors Thesis.

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

Students entering the Honors College in Fall 2017 or later must maintain a TTU GPA of 3.5 to remain in the Honors College and graduate with either of the above Honors designations.

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

Dear Honors Student,

Welcome to the Honors College course offerings booklet for the spring 2019 semester. Believe it or not, it's time to begin working on your spring 2019 schedule! Honors students can begin registering via Raiderlink on Friday, November 2nd (Honors seniors may register on Thursday, November 1st).

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

Honors advising is mandatory for all Honors 3rd year students, 1st year students, new admits, and those on probation, and the Honors registration hold for these students will not be moved forward until after in-person advising occurs. The Honors advising schedule will follow the timetable below:

4 th year students email PRFs to the designated advisor for their last name (alphabetically divided, see advising email)*	October 4 th , beginning at 11:59 PM
3 rd year students are advised in person	October 8 th -12 th
2 nd year students email PRFs to the designated advisor for their last name (alphabetically divided, see advising email)*	October 13 th -14 th , beginning at 11:59 PM on October 12 th
Probationary and non-progressing students are advised in person	October 17 th -19 th
1 st year students are advised in person	October 22 nd -31 st

*4th and 2nd year students who would like to schedule an in-person advising appointment may do so between November 1st and 2nd.

PLEASE DO NOT UTILIZE GRADESFIRST TO MAKE YOUR APPOINTMENT. Students required to come in for advising will receive an email from the Honors College providing a link to our online scheduling tool, **Genbook**, which is used for scheduling appointments. Genbook will be audited daily to ensure that all students' appointments are made during the appropriate dates for their classification. Unauthorized appointments will be cancelled.

A list of all university classes to be offered in the spring term is available for students in the MyTech tab of Raiderlink (www.raiderlink.ttu.edu) as of October 4th, 2018. Students should review both this booklet and the Tech course schedule on Raiderlink *before* the advising appointment and arrive with a completed spring 2019 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 all intended classes) will be asked to reschedule their advising appointment.
- If you have questions concerning your degree requirements or additional registration holds, schedule an appointment with your primary advisor prior to your visit with the Honors College.
- Arrive on time. Since your appointment will only be scheduled for a short time period, it is imperative that you arrive on time and prepared. If you arrive late for your appointment, you will be asked to reschedule.
- Cancel your appointment beforehand if you are unable to make it.

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

-Honors College Advisors

Times, room numbers, and other course information are subject to change.
Be sure to check the Spring 2019 Course Booklet and Raiderlink for changes.

SPRING 2019 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

ACCT 2301-H01	<i>Managerial Accounting</i>	(CRN# 45940)	Prof. K. Bigbee	MWF 9:00-9:50 AM
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Prerequisites: B- or better in ACCT 2300; minimum 3.0 GPA; and COBA and AGBS majors only.

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.

ACCT 3307-H01	<i>Income Tax Accounting</i>	(CRN# 58015)	Prof. R. Ricketts	TR 2:00-3:20 PM
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Prerequisite: B- or better in ACCT 2300.

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

ANSC 4001-H01	<i>Ethics in Research</i>	(CRN# 29100)	Prof. S. Prien	W 6:00-8:50 PM
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SEMINAR

A discussion of ethical issues involving research, including the 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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

ARCH 2315-H01	<i>History of World Architecture II</i>	(CRN# 55599)	Prof. C. Ellis	TR 12:30-1:50 PM
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Note: ARCH 2311 is not required before ARCH 2315.

Survey of the development of world architecture from the Renaissance through the 19th Century.

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 FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

ASTR 1400-H01	<i>Solar System Astronomy</i>	(CRN# 47540)	TBD	MWF 3:00-3:50 PM
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ASTR 1400-H51	<i>No-Credit Lab</i>	(CRN# 47576)	W 12:00-1:50 PM	
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ASTR 1400-H71	<i>Discussion</i>	(CRN# 54594)	TBD	
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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.

BECO 4310-H01	<i>Applied Business Economics</i>	(CRN# 55755)	Prof. E. Cardella	TR 2:00-3:20 PM
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Prerequisite: B- or better in ECO 2302 or ECO 2305 or AAEC 2305.

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

BIOL 1404-H01	<i>Biology II</i>	(CRN# 39712)	Prof. M. Dini	MW 2:00-3:20 PM
BIOL 1404-H51	<i>No-Credit Lab</i>	(CRN# 39713)	Prof. M. Dini	R 2:00-4:50 PM

Prerequisite: B- or better in BIOL 1403.

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

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 4301-H55	<i>Topics in Biology: Medicinal Botany</i>	(CRN# 58858)	Prof. M. Findlater	MW 2:00-3:20 PM
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Prerequisites: B- or better in BIOL 1401 or BIOL 1403 and a B- or better in CHEM 3305 or CHEM 2303.

Medicinal Botany will focus on human uses of plants and plant products. We will explore plants used in traditional and modern medicine, by looking at their history, biology, and chemistry. The course will cover how plants produce phytochemicals and how these chemicals affect the human body as medicines, hallucinogens, drugs, poisons, and food products. If you have ever wondered how Florida State made over \$300 million from the yew tree; why people were able to chew coca leaves for centuries without dependency problems but cocaine became dangerously addictive within 50 years of its introduction; or how rainforest destruction could equal a loss of new drug therapies, then this is the class for you.

CHEM 1305-H01	<i>Chemical Basics</i>	(CRN# 58992)	Prof. J. Mason	MWF 9:00-9:50 AM
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Note: Enrollment in this course is restricted to members of the Honors College.

Corequisite: CHEM 1105 strongly recommended.

A survey of basic chemical concepts, properties, and reactions.

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

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

CHEM 1308-H01	<i>Principles of Chemistry II</i>	(CRN# 25855)	Prof. D. Casadonte	TR 9:30-10:50 AM
CHEM 1308-H02	<i>Principles of Chemistry II</i>	(CRN# 52326)	Prof. D. Casadonte	TR 8:00-9:20 AM
CHEM 1308-H03	<i>Principles of Chemistry II</i>	(CRN# 55757)	Prof. D. Casadonte	TR 12:30-1:50 PM
CHEM 1308-H04	<i>Principles of Chemistry II</i>	(CRN# 57335)	Prof. D. Casadonte	TR 2:00-3:20 PM

Prerequisite: B- or better in CHEM 1307; a grade of C or better in a college-level or AP High School calculus course.

Co-requisite: 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.

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.

CHEM 3306-H01	<i>Organic Chemistry II</i>	(CRN# 25859)	Prof. D. Birney	MWF 10:00-10:50 AM
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Prerequisite: *B- or better in CHEM 3305.*

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.

CMI 4301-H04	<i>Adventure Media*</i>	(CRN# 57328) SEMINAR	Prof. J. Foster Prof. J. Keene	(See Below)
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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 analyzing 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 southwestern Utah bike packing expedition along the White Rim Trail and Canyonlands National Park, a land made legendary by the likes of Edward Abbey, adventure seekers worldwide, and the political perspective on public lands use. 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 transformative "study away" course is the only one in the nation that features bikepacking 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.

Class Schedule

February 2 - (morning cycling, course introduction and conceptual activity – Mae Simmons/Canyon Lake trails)

February 16 - (morning cycling and conceptual activity – Slaton, Texas)

March 2-3 - (overnighter to Caprock Canyon State Park)

March 9-17 - (White Rim Trail/Moab, Utah; Spring Break)

March 30 - (production/critique lab – on campus)

April 13 - (production/critique lab – on campus)

May 4 - (production/critique lab – on campus)

***Instructor approval required: Please contact Dr. Jerod Foster at jerod.w.foster@ttu.edu.**

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CMI 4310-H01	<i>The Blockbuster: the 21st Century Film Industry</i>	(CRN# 57329) SEMINAR	Prof. R. Peaslee	TR 11:00 AM-12:20 PM
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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 to 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.

COMS 2358-H01	<i>Speaking for Business</i>	(CRN# 55047)	Prof. G. Schwantz	TR 9:30-10:50 AM
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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.

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

ECO 2305-H01	<i>Principles of Economics</i>	(CRN# 56497)	Prof. R. Al-Hmoud	TR 9:30-10:50 AM
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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.

EGR 1206-H31	<i>Engineering Graphics: Software A</i>	(CRN# 54644)	Prof. J. Carrell	MW 10:00-11:50 AM
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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.

ENGL 2391-H01	<i>Introduction to Literary Studies</i>	(CRN# 56675)	Prof. K. Caswell	MWF 1:00-1:50 PM
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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.

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.

ENGL 3313-H01	<i>Film Studies: There and Back Again: Fantasy Cinema and Political Realities</i>	(CRN# 57535)	Prof. S. Baugh	TR 9:30-10:50 AM
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SEMINAR

Prerequisite: *3 hours of a 2000-level ENGL course.*

In this course we will begin with a survey of concepts and methods in film and media studies and establish ways for smartly reading movies. Students with no prior experience in film and media studies but with a keen interest are welcome! With some attention to the Fantasy Film genre, we will examine as our special topic the tensions around 'epic fantasy' and the political realities it might inform. We will begin with the *Lord of the Rings* film franchise and explore comparisons in contemporary cinema. How might extraordinary characters and great adventures reflect on our beliefs and everyday lives today? Do movies like *Inception* and *Gravity* unfold the complications of our everyday lives or fold on top of themselves?

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

FREN 2390-H01	<i>French Culture</i>	(CRN# 58918)	Prof. S. LaLonde-Romano	TR 12:30-1:50 PM
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A multimedia approach to topics related to French culture. Taught in English. Credit does not apply to major or minor. May not be repeated.

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

HDFS 3306-H01	<i>Child and Adolescent Guidance</i>	(CRN# 56203)	Prof. M. Ziegner	MWF 9:00-9:50 AM
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Prerequisite: Prerequisite waived for Honors College section.

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

HIST 2300-H01	<i>History of the U.S. to 1877</i>	(CRN# 25904)	Prof. R. Verrone	TR 9:30-10:50 AM
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Note: HIST 2300 is not required before HIST 2301.

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

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

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

HIST 2300-H02	<i>History of the U.S. to 1877</i>	(CRN# 57614)	Prof. E. Skimore	TR 11:00 AM-12:20 PM
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Note: HIST 2300 is not required before HIST 2301.

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

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

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

HIST 2301-H01	<i>History of the U.S. Since 1877</i>	(CRN# 25911)	TBD	MWF 10:00-10:50 AM
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Note: HIST 2300 is not required before HIST 2301.

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

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

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

HIST 2301-H02	<i>History of the U.S. Since 1877</i>	(CRN# 57615)	Prof. A. Batura	MWF 2:00-2:50 PM
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Note: HIST 2300 is not required before HIST 2301.

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

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM UNITED STATES HISTORY REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM AMERICAN HISTORY REQUIREMENT.**

HIST 3337-H01	<i>Science in American Society</i>	(CRN# 49832)	Prof. G. Bell Prof. T. Reid	T 6:00-8:50 PM
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SEMINAR

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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HIST 4309-H01	<i>United States and the Cold War</i>	(CRN# 57632)	Prof. J. Hart	MWF 11:00-11:50 AM
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SEMINAR

***Prerequisite:* Junior standing or consent of instructor.**

Examines the causes, course, and consequences of the Cold War between the U.S. and the Soviet Union.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 1301-H02	<i>The Civil Rights Movement and Making Modern America</i>	(CRN# 56618)	Prof. J. Parker	TR 5:00-6:20 PM
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This course explores various cultures, socioeconomic classes, racial and ethnic groups and their roles, beliefs, lived experiences, activism, and contributions to American society, industries, and public spaces during the long civil rights movement (1930s-1970s). Contemporary issues of access, opportunity, equity, equality, multiculturalism, and inclusivity will be assessed and examined in terms of perspectives provided by history, law, and social policy.

**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.**

HONS 1304-H01	<i>Studies in Texas Music History</i>	(CRN# 25938)	Prof. C. Peoples	TR 5:00-6:20 PM
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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. Students will explore topics such as history, style, women's studies, socioeconomic, race, and identity, as well as other topics relative to music. The course will examine various music styles like Tejano, blues, jazz, rap, Texas country, and other popular musical forms.

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

HONS 1304-H02	<i>Creative Processes</i>	(CRN# 50176)	Prof. A. Wilkinson	M 2:00-4:50 PM
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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.

HONS 1304-H03	<i>The Arts as Social and Political Critique</i>	(CRN# 56641)	Prof. A. Duffy	TR 8:00-9:20 AM
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The Arts as Social and Political Critique will focus on the impact of the arts on American society from the early 1900s to present day. A sweeping introduction to specific artists and art works that have drawn controversy, asked questions, provoked reactions, and/or broke open debates in society will be included. We will investigate performance art, dance, and visual art as catalysts for social and political expression. We will ask questions of the artists and of each other in effort to determine art's position in U.S. society, and whether it truly promotes effectual change.

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

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

HONS 1304-H04	<i>The Music of the Beatles</i>	(CRN# 58832)	Prof. M. Morton	TR 5:00-6:20 PM
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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.

HONS 1304-H05	<i>Music and Your Mind</i>	(CRN# 59070)	Prof. P. Martens	TR 12:30-1:50 PM
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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.

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

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

HONS 3300-H01	<i>Individual Honors Research</i>	(CRN# 40043)	Prof. K. Caswell
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HONS 3300-H02	<i>Individual Honors Research (HAL Majors Only)</i>	(CRN# 40040)	Prof. K. Caswell
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Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS.

Prerequisite: Enrollment in the Honors College and approved Honors Thesis project application on file. Contact Chad Cain (chad.cain@ttu.edu) for an application or Professor Kurt Caswell (kurt.caswell@ttu.edu) with any questions.

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

HONS 3301-H01	<i>Readings from the Sowell Collection: Werewolves, Bigfoot, Grizzlies, and Monsters</i>	(CRN# 58860) SEMINAR	Prof. D. Warner	MWF 10:00-10:50 AM
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Note: This course will meet in the Formby Room of the Southwest Collection building instead of the English/Philosophy building.

This class will read fiction, memoir, and scientific journalism from writers whose papers are included in Texas Tech's Sowell Family Collection in Literature, Community, and the Natural World. Readings from the Sowell Collection will allow us to explore the writers' works and to examine the "history" that came before the publications, that is, the drafts, journals, research, letters, and other artifacts in their manuscript collections. If time permits, we will watch films produced by and about the writers. Students in the course will write critically and creatively about these books, as well as complete an independent study of the life and work of one or more Sowell writers. This course is reading and writing intensive.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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

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

HONS 3301-H02	<i>The Tangled Web of the Modern Middle East: Unraveling Culture, Religion, Politics, and War</i>	(CRN# 58861) SEMINAR	Prof. J. Hodes	TR 9:30-10:50 AM
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This course will explore the Modern Middle East from the fall of the Ottoman Empire in World War I to The American War in Afghanistan and Iraq as well as the Revolutions which swept across of the region in 2010 and 2012. Through text, film, culture, religion, history, and politics, this course will introduce students to the major themes which are currently shaping the region. Why are Americans in Iraq and Afghanistan? What is the Syrian civil war? How much oil comes from the Middle East? What is the Arab Israeli conflict? All of these questions and more will be answered through an in-depth exploration of religion, history, culture and politics.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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

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

HONS 3301-H03	<i>Seeing Films Philosophically</i>	(CRN# 58915) SEMINAR	Prof. C. Bradatan	W 6:00-8:50 PM
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Philosophy is about deep questions such as (the quest for) God, suffering, solitude, alienation, loss, death, and meaninglessness. Cinema offers an excellent way of visualizing these issues, of fleshing them out in an expressive and immediately intuitive manner. This interdisciplinary seminar explores these topics through guided viewings of philosophically-minded films such as *Hotel Rwanda*, *The Experiment*, *Stalker*, *Ikiru*, *Burnt by the Sun*, *Rashomon*, *Dogville*, *Life is Beautiful*, and *Repentance*. Film viewing will be enriched through reading from the works of major authors of the Western tradition such as Plato, St Augustine, Milan Kundera, Czeslaw Milosz, Karl Jaspers, Friedrich Nietzsche, Solzhenitsyn, Tolstoy, and others.

By combining close reading of philosophical and literary texts with visual studies, existential hermeneutics, and literary analysis, this course aims at detecting philosophical problems in the sphere of everyday life, as well as tracing the ways in which various "lived experiences" come to be incorporated into the production of philosophical and literary texts.

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.

SEMINAR

By now, you've heard his name, even though he labored in obscurity for most of his writing career. You might have seen one of the movies based on his work. And if you've picked up one of his books, you've probably learned that his country is no country for the faint of heart.

Critic Harold Bloom counts Cormac McCarthy's *Blood Meridian* among the best novels of the twentieth century, comparing it favorably to *Moby Dick* and deeming it "the ultimate western." In this course we will consider McCarthy's rise to prominence as a canonical American writer and force in shaping American culture as his imagination moved from south to southwest. Given the centrality of the western to American self-definition, what does Cormac McCarthy have to tell us about ourselves, our country, and the American spirit? What is the meaning of a moral life within that landscape? How does the dramatic interpretation of McCarthy's work, and its translation to new media, change the landscape and reflect national values? Can we identify an ecosophy that emerges from McCarthy's novels, and what they do they have to tell us about changing and vulnerable ecosystems and civilizations—including our own?

This course will attempt to answer these questions by charting the landscape of McCarthy's imagination through place, history, and literature. We will reveal it in the historical and literary texts that complement his work, even as we read widely in McCarthy's work. Other major points of focus include the creation of an American idiom, the Native American culture and presence within that landscape, and the construction of gender. Course requirements include participation, reading responses, a critical review paper, a publishable portion of the class reader and exhibit, a midterm, and a final research paper.

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.

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.

SEMINAR

This course is designed to engage undergraduate students from all disciplines in the exploration and consideration of historical and psychological perspectives that shape the people's views of others in modern American society. Students will study issues of immigration, race relations, and opportunity within the democratic ideology of American life, while posing questions about accommodating the needs of an increasingly pluralistic society. Fresh perspectives will be addressed on 'take a knee', #MeToo, and Black Lives Matter and All Lives Matter movements as students will be supported in self-directed exploration. In the end, the course will address knowledge and awareness of one's self and knowledge and awareness of how the problems in a pluralistic society developed and are perpetuated.

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.

SEMINAR

In the history of modern scholarship we find a remarkable number of fascinating thinkers who have worked on solving research problems by navigating through different disciplines in sciences and humanities. This seminar will consider the possibility that these thinkers have developed a useful tool called interdisciplinary research method which we can implement to enhance our ability for a better understanding of and coping with our modern studies. To demonstrate this hypothesis, the focus will be on the study of human communication, specifically communication through images across media and their impact on us biologically, emotionally, intellectually, and cognitively. We will approach the diverse forms of visual representations as expressions of profound human activity of discovery and invention. We will proceed with our study with questions such as: What patterns do images have and how do they impact us? Are images real or virtual worlds? This seminar is designed to enhance our ability to observe and to develop our critical visual literacy.

In preparation for this class please watch the following short video-talk by the neuroscientist Vilanayur Ramachandran to have an insight of the interdisciplinary approaches the seminar will discuss: "The Neurons that Shaped Civilization" <https://youtu.be/l80zgw07W4Y>. You will also read a forward by Oliver Sacks (reader)*.

Note about the reader*:

This is a collection of primary seminal texts on questions to be discussed in this seminar. Despite the fact that they are selected from among a diversity of disciplines, they all deal with human understanding, its structure, and its connections to reality. While some of the reading materials may seem difficult to comprehend, that should not be reason for you to lose overall interest in the topic. ON THE CONTRARY, this seminar is an opportunity for you to learn how to navigate through texts of varying complexity, how to discover hidden arguments, and how to develop the skills necessary to write reviews of them. Reading primary sources of research studies helps us to find our way to understanding science and humanities and be better researchers!

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.

SEMINAR

Honors 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 3302-H02	<i>Epidemiology of Infectious Diseases: Impacts on Human Health, Wildlife, and Agriculture</i>	(CRN# 58835)	Prof. A. Smith	TR 9:30-10:50 AM
		SEMINAR		

Note: This course has been approved to count for upper-level MBIO credit for MBIO majors. Students will need to contact their primary advisor to have this updated on their DegreeWorks.

Prerequisite: *B- or better in MBIO 3400 or MBIO 3401; or with 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 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 3302-H03	<i>Early Clinical Experience</i>	(CRN# 58836)	Prof. L. Johnson	MW 1:00-1:50 PM
		SEMINAR		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 August/December 2019 or May 2020 TTU graduates (as shown on the Tech system) with steady progress made toward completion of medical school science requirements. Students must submit to a criminal background check and will need to pass a TB test prior to entry in the class.

Applications are due by 11:59 PM on October 14th, 2018. To apply, use the following webpage:

<https://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php>

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 & APPLIED SCIENCE REQUIREMENT.

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

HONS 3304-H01	<i>The Horror Genre: Literature, Film, Forensic Science, and the Popular Imagination</i>	(CRN# 26134)	Prof. R. Weiner	W 4:00-6:50 PM
		SEMINAR		

The horror genre is consistently one of the most widespread types of storytelling whether in film, literature, sequential art, television, or video games. Long ignored writers like H.P. Lovecraft are now in the Library of America series and there is renewed interest in the works of Arthur Machen, Clark Ashton Smith, and Robert W. Chambers. Stephen King is arguably one of the most successful and widely read writers in history. Horror films still make money year after year, and television shows like *American Horror Story* are among the most popular. With so much real horror in the world, why do we still love the horror genre? This course will look at the history of horror in both its literary and filmic forms. In addition, we will study the history of forensic science in true crime and try to understand how certain cases were solved or remain unsolved. Ultimately, this course tries to answer this question: What purpose does horror serve in our lives and why do we like being scared? This course contains mature content and is ready intensive.

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	<i>The Beat Generation, The Merry Pranksters, The Grateful Dead, and the American Experience</i>	(CRN# 26143) SEMINAR	Prof. R. Weiner	M 6:00-8:50 PM
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In 2015, the remaining four members of the Grateful Dead came together for their Fare Thee Well 50th anniversary concerts. Tickets for the five concerts sold out immediately and as much as \$100,000 was being asked for tickets on the scalpers' market. What is it about this band, with roots in bluegrass, American folk, and basic rock and roll, which created a whole subculture known as Deadheads? The Grateful Dead (1965-1995) became one of the biggest selling attractions in the history of American Popular Culture; however, the band only had one top ten hit and rarely had singles or albums on the charts. Yet their music is now a part of American songbook and some argue that they were one of the greatest American bands. Critics, however, are divided and consider the Grateful Dead as one of the most loved and one of the most hated bands in history. This course looks at the band's roots in the Beat Generation and the Merry Pranksters. In 1964, writer Ken Kesey, Neal Cassady, and the Merry Pranksters drove a psychedelically colored bus called "Furthur" across the country in search of the great American adventure. Through the lens of American history, popular music, and culture, this course examines the impact of the Grateful Dead, the Beat Generation, and the Merry Pranksters on the American Experience. This course contains mature content and is reading intensive.

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-H04	<i>Advanced Botanical Illustration</i>	(CRN# 47447) SEMINAR	Prof. S. Tomlinson	M 2:00-4:50 PM
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If you enjoyed "Bones, Botanicals Birds," "Introduction to Botanical Illustration," or "How to Keep a Naturalist's Notebook," then you are sure to enjoy this Honors seminar. This course is a further exploration of botanical art and illustration, and focuses primarily on technique (using watercolors) and composition. Student will paint the botanical subjects of their choice. We will take short field trips around campus for the purpose of finding subjects and drawing them in the field before finishing the paintings in the studio. It is recommended but not required that you have either taken one or more of the courses listed above, or that you have some art experience. If you are unsure about whether this course is a good fit for you, feel free to contact Dr. Tomlinson (Susan.tomlinson@ttu.edu) to find out.

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 4300-H01	<i>Individual Honors Research</i>	(CRN# 26158)	Prof. K. Caswell
HONS 4300-H02	<i>Individual Honors Research (HAL Majors Only)</i>	(CRN# 39398)	Prof. K. Caswell

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 TTU faculty member, who must either be a member of the graduate faculty or approved by the Honors College's Associate Dean (aliza.wong@ttu.edu).

HONS 4302-H01	<i>Journeys: Introspection, Investigation, and Intellectual Prospecting</i>	(CRN# 54391) SUMMIT	Prof. A. Wong	MWF 2:00-2:50 PM
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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 HONORS SUMMIT REQUIREMENT.

HONS 4302-H02	<i>How to Keep a Naturalist's Notebook</i>	(CRN# 54392)	Prof. S. Tomlinson	T 2:00-4:50 PM
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SUMMIT

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 HONORS SUMMIT REQUIREMENT.

HONS 4302-H03	<i>Making a Sustainable Future: Environmental, Economic, and Social Impacts of Sustainability</i>	(CRN# 55849)	Prof. J. Carrell	TR 12:30-1:50 PM
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SUMMIT

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 HONORS SUMMIT REQUIREMENT.

HONS 4302-H04	<i>Try Again. Fail Again. Fail Better.</i>	(CRN# 54597)	Prof. C. Bradatan	MW 4:00-5:20 PM
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SUMMIT

Why do we fail? Why do we succeed? What is failure exactly? Of how many kinds? Is failure something “socially constructed” or inherent to human nature? Or both? How does a significant experience of failure affect one’s personality and worldview in the long run? Why do great human projects (democracies, for example) start failing one day, after they’ve been successful for a long time? What is it to be a “loser” and a “winner”? What is perfectionism? In this interdisciplinary summit we will address these and other similar questions. Using a mix of philosophy, fiction and non-fiction prose, plays, and art house cinema, we will seek to make better sense of failure as a fundamental human experience. We will be studying closely such works as Arthur Miller’s “Death of a Salesman,” Milos Forman’s “Amadeus,” Fyodor Dostoevsky’s “Notes from Underground,” and Martin Scorsese’s “Taxi Driver.” By the end of the class students will be expected to have learned how to fail, to fail better, and to keep trying.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H05	<i>World Religions and Modern Politics</i>	(CRN# 55612)	Prof. J. Hodes	TR 2:00-3:20 PM
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SUMMIT

This course will introduce students to some of the world’s major religions. It will begins with the Abrahamic faiths, looking first at Judaism, then Christianity and Islam. Afterwards we will move to Hinduism and Buddhism. The course will seek to explore the origins of these religions, their core understanding of the divine and the role of mankind on earth. Religions, however, are more than simply belief systems—they are also very powerful political bodies and religious leaders often play central political roles. People such as Reverend Dr. Martin Luther King, Mother Teresa, Bishop Desmond Tutu, Rabbi Abraham Joshua Heschel, the Agha Khan, Mahatma Gandhi, and the Dalai Lama are all political as well as religious figures. This course, after clearly introducing the religions, will explore some of the political roles that many of the religions play in today’s world.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4401-H01	<i>Constitutional Law</i>	(CRN# 55806)	Prof. R. Rosen	TWRF 11:00-11:50 AM
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SEMINAR

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5401-001. Application to take this course is required. 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-H01 will begin on Monday, January 14th, 2019.

Applications are due by 11:59 PM on October 21st, 2018. To apply, use the following webpage:

<https://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php>

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	<i>Property Law</i>	(CRN# 58947)	Prof. G. Beyer	MTWR 1:00-1:50 PM
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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. 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 Monday, January 14th, 2019.

Applications are due by 11:59 PM on October 21st, 2018. To apply, use the following webpage:

<https://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php>

An introduction to the law of personal property and real property, including estates and other interests in land, real property marketing and conveyancing, and landlord and tenant problems. Class will be held in Law, Room 00106.

THIS COURSE FULFILLS 4 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 4000-H01	<i>Criminal Law</i>	(CRN# 56998)	Prof. B. Shannon	WRF 9:00-9:50 AM
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SEMINAR

Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5310-002. Application to take this course is required. 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 4000-H01 will begin on Monday, January 14th, 2019.

Applications are due by 11:59 PM on October 21st, 2018. To apply, use the following webpage:

<https://www.depts.ttu.edu/honors/academicsandenrichment/advising/courselistings/honorscourseinformation.php>

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 00107.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HUM 2302-H01	<i>The Western Intellectual Tradition II: Renaissance to the 21st Century</i>	(CRN# 26165)	Prof. C. Bradatan	MW 2:00-3:20 PM
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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, and 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	<i>Engineering Economic Analysis</i>	(CRN# 54645)	Prof. J. Carrell	TR 9:30-10:50 AM
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Prerequisite: B- or better in MATH 1451.

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	<i>Introduction to Production and Operations Management</i>	(CRN# 54675)	Prof. J. Flamm	T 2:00-3:20 PM
ISQS 3344-702	<i>Discussion</i>	(CRN# 26155)	Prof. J. Flamm	R 11:00 AM-12:20 PM

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

Corequisite: ISQS 3344-702

An overview of the production and operations function in organizations with examples of the application of computer and quantitative skills to management problems. Both design and operating problems are discussed.

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

MATH 1451-H01	<i>Calculus I with Applications</i>	(CRN# 49573)	Prof. P. Schovanec	MWF 12:00-12:50 PM W 1:00-1:50 PM
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Prerequisites: B- or better in MATH 1350 or MATH 1550; or B- or better in MATH 1321; or code of 7 on the MPE; or a score of at least 660 on the SATM; or a score of at least 29 on the ACTM; or a score of at least 3 on the AP AB Calculus and a code of 5 on the MPE.

Differentiation of algebraic and transcendental functions, applications of the derivative, differentials, indefinite integrals, definite integrals. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics. A student will receive credit for either MATH 1351 or MATH 1451.

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

MATH 1452-H01	<i>Calculus II with Applications</i>	(CRN# 45955)	Prof. Higgins-Siwatu	MWF 2:00-2:50 PM M 1:00-1:50 PM
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Prerequisite: B- or better in MATH 1451.

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

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

MATH 1452-H02	<i>Calculus II with Applications</i>	(CRN# 46038)	Prof. P. Schovanec	TR 9:30-10:50 AM R 11:00 AM-12:20 PM
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Prerequisite: B- or better in MATH 1451.

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

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

MATH 2300-H01	<i>Statistical Methods</i>	(CRN# 58454)	Prof. L. Ellingson	TR 2:00-3:20 PM
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Prerequisite: A score of at least 500 on the SATM and composite score of 1070; or a score of at least 19 on the ACTM and a composite score of 23; or a grade of B- or better in MATH 0302 or TSI 0302.

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

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

MATH 2360-H01	<i>Linear Algebra</i>	(CRN# 26219)	Prof. G. Borna	MWF 11:00-11:50 AM
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Prerequisite: B- or better in MATH 1452.

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	<i>Calculus III with Applications</i>	(CRN# 45951)	Prof. E. Aulisa	TR 12:30-1:50 PM T 11:00-11:50 AM
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Prerequisite: B- or better in MATH 1452.

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

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

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

MATH 3342-H01	<i>Mathematical Statistics for Engineers and Scientists</i>	(CRN# 47451)	Prof. L. Juan	TR 11:00 AM-12:20 PM
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Note: MATH 3342 and 4342 cannot both be counted toward a mathematics major or minor.

Prerequisite: B- or better in MATH 2450.

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

MATH 3350-H01	<i>Higher Mathematics for Engineers and Scientists I</i>	(CRN# 26226)	Prof. L. Allen	TR 9:30-10:50 AM
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Note: MATH 3350 and 3354 cannot both be counted toward a mathematics major or minor. Mathematics majors should take MATH 3354.

Prerequisite: B- or better in MATH 1452.

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

MATH 4000-H01	<i>Biomathematics for Undergraduates</i>	(CRN# 58447)	Prof. A. Peace	MWF 10:00-10:50 AM
		SEMINAR		

Prerequisite: B- or better in MATH 2450.

The goal of this course is to introduce students to mathematical modeling techniques in the life sciences. Students will learn how to formulate and analyze mathematical models by applying the mathematical techniques studied in this course. The models will take the form of ordinary or partial differential equations, whose dynamics change over time and/or space. Students will learn to (1) formulate differential equation models that describe population growth, competition, predation, and spatial spread, (2) calculate steady-state solutions of the models, (3) apply methods for analyzing local and global behavior of the models, (4) apply phase plane methods for systems of two ordinary differential equations, and (5) apply principles of bifurcation theory. Some classic and recent applications from the life sciences will be studied in detail, such as population growth with harvesting, drug treatment models, cellular dynamics of an infection within a host, predator-prey and competition dynamics, and spread of disease in a population. Computer technology, Maple and MatLab, will be used for some of the analysis and for numerical solution of the mathematical models.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

MBIO 3401-H01	<i>Principles of Microbiology</i>	(CRN# 52816)	Prof. A. Smith	MWF 9:00-9:50 AM
MBIO 3401-H51	<i>No-Credit Lab</i>	(CRN# 52798)		TR 12:00-1:50 PM

Prerequisites: B- or better in BIOL 1402 or BIOL 1403 and BIOL 1404; CHEM 3305*.

Corequisite: MBIO 3401-H51 (lab)

*Students that have not previously taken CHEM 3305 must take it as a co-requisite to MBIO 3401.

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.

MBIO 4303-H01	<i>Physiology of Bacteria</i>	(CRN# 56021)	Prof. M. San Francisco	TR 4:00-5:20 PM
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Prerequisite: B- or better in MBIO 3401 or consent of the instructor.

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

MCOM 2330-H01	<i>Media Literacy</i>	(CRN# 53090)	Prof. R. Schweizer	MWF 11:00-11:50 AM
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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.

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

ME 2322-H01	<i>Engineering Thermodynamics I</i>	(CRN# 26202)	Prof. E. Anderson	MWF 9:00-9:50 AM
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Prerequisites: B- or better in PHYS 1408 and MATH 1452.

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

MGT 4380-HS1	<i>Strategic Management</i>	(CRN# 50393)	Prof. C. Duran	W 2:00-4:50 PM
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Prerequisites: *Business students in their final semester; and a B- or better in MGT 3370.*

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

MKT 3350-H01	<i>Introduction to Marketing</i>	(CRN# 26239)	Prof. A. Marin Melo	MWF 9:00-9:50 AM
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Prerequisite: *B- or better in MATH 1331 or MATH 1452; minimum 3.0 TTU GPA; RCOBA strongly recommends taking both ACCT 2300 and ACCT 2301 before enrolling in MKT 3350 and other upper-division courses.*

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

FPF 3301-H01	<i>Introduction to Personal Finance</i>	(CRN# 52544)	Prof. C. Browning	TR 11:00 AM-12:20 PM
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SEMINAR

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.

PHIL 2300-H01	<i>Beginning Philosophy</i>	(CRN# 58876)	Prof. J. Velasco	MWF 2:00-2:50 PM
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An introduction to philosophical thinkers, ideas, and methods.

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.

PHIL 2320-H01	<i>Introduction to Ethics</i>	(CRN# 57657)	Prof. D. Nathan	TR 12:30-1:50 PM
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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.**

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

Prerequisite: B- or better in MATH 1451.

Corequisite: PHYS 1408-H51 (lab); discussion section not required for Honors PHYS 1408; students will complete pre-lecture activities online instead of attending an in-person discussion.

Calculus-based introductory physics course. Mechanics, kinematics, energy, momentum, gravitation, waves, and thermodynamics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion.

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

PHYS 2401-H01	<i>Principles of Physics II</i>	(CRN# 57189)	TBD	TR 11:00 AM-12:20 PM
PHYS 2401-H51	<i>No-Credit Lab</i>	(CRN# 57190)	TBD	T 2:00-3:50 PM

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

Co-requisite: PHYS 2401-H51 (lab); discussion section not required for Honors PHYS 1408; students will complete pre-lecture activities online instead of attending an in-person discussion.

Calculus-based introductory physics. Electric and magnetic fields, electromagnetic waves, and optics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion.

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

POLS 2306-H01	<i>Texas Politics and Topics</i>	(CRN# 58838)	Prof. J. Hodes	TR 11:00 AM-12:20 PM
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Note: POLS 1301 is not required before POLS 2306.

We are currently in an age of radical change. Public policies, from health care to education policy, punishment to corporate regulation—are under a new scrutiny in the contemporary climate of economic crisis, and for many citizens, existential crisis—crises that are about the very means by which Americans will live. In this course we will examine particular public policies, their impact on the masses of Americans, and on specific subpopulations (such as Latinos and African Americans) to better understand the significance of this transformative period in public policy that the nation is now undergoing. The major assignments for this course are weekly writing assignments, an in-class presentation of a research topic of your choosing that is relevant to the course material, and a final essay exam.

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

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

SPAN 2301-H01	<i>A Second Course in Spanish I</i>	(CRN# 52137)	Prof. J. Beusterien	MWF 10:00-10:50 AM
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Prerequisite: B- or better in SPAN 1502 or SPAN 1507 or SPAN 1607.

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	<i>A Second Course in Spanish II</i>	(CRN# 45511)	TBD	MWF 10:00-10:50 AM
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Prerequisite: B- or better in SPAN 2301.

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.

SPRING 2019 HONORS SEMINARS

FULL/CLOSED courses are listed in red text

ANSC 4001-H01	Ethics in Research	W 6:00-8:50 PM
CMI 4301-H04	Adventure Media	(See course description)
CMI 4310-H01	The Blockbuster	TR 11:00 AM-12:20 PM
ENGL 3313-H01	Film Studies: Fantasy Cinema and Political Realities	TR 9:30-10:50 AM
HIST 3337-H01	Science in American Society	T 6:00-8:50 PM
HIST 4309-H01	United States and the Cold War	MWF 11:00-11:50 AM
HONS 3301-H01	Readings from the Sowell Collection	MWF 10:00-10:50 AM
HONS 3301-H02	The Tangled Web of the Modern Middle East	TR 9:30-10:50 AM
HONS 3301-H03	Seeing Films Philosophically	W 6:00-8:50 PM
HONS 3301-H04	Cormac McCarthy Country	TR 9:30-10:50 AM
HONS 3301-H06	Philosophical Issues and Problems in Human Caring	TR 9:30-10:50 AM
HONS 3301-H07	Diversity and American Society	TR 2:00-3:20 PM
HONS 3301-H08	Doing Interdisciplinary Studies	TR 2:00-3:20 PM
HONS 3302-H01	Honors Seminar in Healthcare	T 4:00-6:50 PM
HONS 3302-H02	Epidemiology of Infectious Diseases	TR 9:30-10:50 AM
HONS 3302-H03	Early Clinical Experience	MW 1:00-1:50 PM; W 2:00-4:50 PM
HONS 3304-H01	Icons of Popular Culture: The Horror Genre	W 4:00-6:50 PM
HONS 3304-H02	Icons of Popular Culture: The Grateful Dead	M 6:00-8:50 PM
HONS 3304-H04	Advanced Botanical Illustrations	M 2:00-4:50 PM
HONS 4401-H01	Constitutional Law	TWRF 11:00-11:50 AM
HONS 4401-H02	Property Law	MTWR 1:00-1:50 PM
HONS 4000-H01	Criminal Law	WRF 9:00-9:50 AM
MATH 4000-H01	Biomathematics for Undergraduates	MWF 10:00-10:50 AM
PFP 3301-H01	Introduction to Personal Finance	TR 11:00 AM-12:20 PM

SPRING 2019 HONORS SUMMITS

FULL/CLOSED courses are listed in red text

HONS 4302-H01	Journeys	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 12:30-1:50 PM
HONS 4302-H04	Try Again. Fail Again. Fail Better.	MW 4:00-5:20 PM
HONS 4302-H05	World Religions and Modern Politics	TR 2:00-3:20 PM