



TEXAS TECH UNIVERSITY
Honors College[™]

Spring 2021
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.

**Course information, such as days, times, and modality, are subject to change.
Check the Spring 2021 course booklet and Raiderlink for changes.**

***Core curriculum fulfillment listed in the Honors course booklet reflects the university’s list of
core curriculum requirements, effective fall 2014.***

https://catalog.ttu.edu/preview_program.php?catoid=9&poid=6612

Students entering TTU prior to fall 2014 should consult the catalog of their entry term for a list of core curriculum options.

Dear Honors Student,

Welcome to the Honors College course offerings booklet for the spring 2021 semester. Believe it or not, it's time to begin working on your spring 2021 schedule! Honors students can begin registering via Raiderlink on Friday, November 6th, 2020 (Honors seniors may register on Thursday, November 5th, 2020).

Students entering the Honors College before Fall 2020 are excused from mandatory in-person advising. Students entering the Honors College in Fall 2020 or later are classified as "First-year Honors students" and are required to meet virtually with an Honors advisor; however, first-year students may complete an online Permit Request Form (PRF) during the dates for the appropriate classification by hours listed below, in order to receive permit approvals prior to seeing an advisor via Zoom.

Seniors (90+ hours as of August 2020) may complete an online PRF during the dates at right.*	Between 5:00 PM on October 9th and 8:00 AM on October 12th
Juniors (60-89 hours as of August 2020) may complete an online PRF during the dates at right.*	Between 5:00 PM on October 14th and 8:00 AM on October 16th
Sophomores (30-59 hours as of August 2020) may complete an online PRF during the dates at right.*	Between 5:00 PM on October 20th and 8:00 AM on October 22nd
Freshmen (0-29 hours as of August 2020) may complete an online PRF during the dates at right.*	Between 5:00 PM on October 27th and 8:00 AM on October 29th
All First-year students are required to meet with an Honors advisor via Zoom. First-year students may email a PRF to a designated advisor during the appropriate dates for their classification (by hours), but must also meet with an advisor online during the dates at right.*	November 3 rd – 6 th November 9-13 th ** November 16 th -20 th **

*Students entering the Honors College in Fall 2020 or later may email a PRF to an advisor during the dates for their appropriate hours classification listed above, but will still be required to meet with an advisor between November 3rd and November 20th.

**Students of any classification and year may make an appointment to meet with an Honors advisor via Zoom.

PLEASE DO NOT UTILIZE GRADEFIRST 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 1st, 2020. Students should review both this booklet and the Tech course schedule on Raiderlink *before* submitting a Permit Request Form, which must include a fully completed Spring 2021 schedule. Other important points to note in preparation for advising and permit requests are:

- Permit Request Forms submitted without complete schedules (including times/days of all intended classes) will be deleted.
- If you have questions concerning your degree requirements to which you need answers in order to create a tentative spring schedule, you should communicate with your primary advisor prior to your Permit Request submission dates.
- Be present online punctually for your virtual advising appointment. 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 keep 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

SPRING 2021 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. D. Pantoya	MWF 10:00-10:50 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.

ANSC 2202-H01	<i>Principles of Anatomy of Domestic Animals</i>	(CRN# 63462)	Prof. J. Thomas	W 9:00-9:50 AM
ANSC 2202-H51	<i>No Credit Lab</i>	(CRN# 63461)	Prof. J. Thomas	W 11:00 AM-12:50 PM

Introduction to anatomy of domesticated animals with emphasis on bones, muscles, organs, vascular and nervous systems.

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 2:00-3:20 PM
ARCH 2315-H71	<i>Discussion Section</i>	(CRN# 63157)	Prof. C. Ellis	F 10:00-10:50 AM

Note: ARCH 2311 is not required before ARCH 2315.

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

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

BECO 3310-H01	<i>Applied Business Economics</i>	(CRN# 61694)	Prof. E. Cardella	TR 12:30-1:50 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. A. Brown	MW 2:00-3:20 PM
BIOL 1404-H51	<i>No-Credit Lab</i>	(CRN# 39713)	Prof. C. Monje	R 2:00-4:50 PM
BIOL 1404-H52	<i>No-Credit Lab</i>	(CRN# 63668)	Prof. C. Monje	R 9:30 AM-12:20 PM

Note: Students may select either H51 or H52, depending on available seats.

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.

CHEM 1308-H01	<i>Principles of Chemistry II</i>	(CRN# 25855)	Prof. D. Casadonte	TR 8:00-9:20 AM
CHEM 1308-H02	<i>Principles of Chemistry II</i>	(CRN# 52326)	Prof. D. Casadonte	TR 9:30-10:50 AM
CHEM 1308-H03	<i>Principles of Chemistry II</i>	(CRN# 55757)	Prof. D. Casadonte	TR 11:00 AM-12:20 PM
CHEM 1308-H04	<i>Principles of Chemistry II</i>	(CRN# 57335)	Prof. J. Mason	TR 12:30-1:50 PM
CHEM 1308-H05	<i>Principles of Chemistry II</i>	(CRN# 60862)	Prof. J. Gorden	TR 2:00-3:20 PM

Prerequisite: B- or better in CHEM 1307.

Notes: Basic Calculus knowledge is preferred but not required. Any non-Honors section of CHEM 1108 (lab) is strongly recommended.

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.

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. A. Gorden	MWF 10:00-10:50 AM
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Prerequisite: B- or better in CHEM 3305.

Notes: Any non-Honors 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.

CHEM 3310-H01	<i>Molecular Biochemistry</i>	(CRN# 61555)	Prof. R. Liang	TR 11:00 AM-12:20 PM
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Prerequisite: B- or better in CHEM 3306.

Molecular descriptions of biological materials and systems. A one-semester course covering molecular approaches to biochemistry and metabolism.

CMI 4310-H01	<i>The Blockbuster: the 21st Century Film Industry</i>	(CRN# 63649) SEMINAR	Prof. R. Peaslee	MW 3:30-4:50 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 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.

CMI 4313-H04	<i>Adventure Media (Application Required)</i>	(CRN# 61512) 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!

This class's primary learning and application takes place on several Saturdays, over one full weekend, and during a multi-day intensive outdoor lab while cycling and producing film projects on the Southern High Plains of the Texas Panhandle, a land fraught with legend, steeped in history and culture, geologically and geographically unique, and prime for outdoor active travel and adventure if you know where and how to look for it.

Students will engage in various hands-on, 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.

Class Schedule

- January 16 (8:00 AM to noon) – Outdoor classroom experience, Lubbock
- January 30 (8:00 AM to noon) – Outdoor classroom experience, Lubbock
- February 13 (8:00 AM to noon) – Outdoor classroom experience, Southland
- March 6-7 (All weekend) – Overnight trip to Caprock Canyons State Park
- March 27 (8:00 AM to noon) – Outdoor classroom experience, Lubbock
- April 8-12 (Multi-day trip) – Field production experience on 422-mile 806 route
- April 24 (9:00 AM to noon) – Post-production lab experience, Lubbock
- May 1 (9:00 AM to noon) – Showcase, Lubbock

To apply, please use the following link: [Adventure Media – Spring 2021 Application](#). **The deadline to apply is 11:59 PM on October 25th, 2020.**

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

COMS 2358-H01	<i>Speaking for Business</i>	(CRN# 55047)	Prof. J. LaFreniere	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.

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

EC 3306-H01	<i>Child and Adolescent Guidance</i>	(CRN# 63194)	Prof. M. Ziegner	MWF 1:00-1:50 PM
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Cross-listed with HDFS 3306-H01.

Prerequisite: Prerequisite waived for Honors College section.

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

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. L. Shturman	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.

ENGR 2392-H01	<i>Engineering Ethics and Its Impact on Society</i>	(CRN# 47745)	Prof. R. Burgess	TR 12:30-1:50 PM
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In this section of ENGR 2392, students will explore important ethical concepts and issues in engineering and computer science. Assignments and discussions will focus on the connection between conceptual analysis and day-day professional practice. Students will be asked to describe the nature and extent of their professional obligations. Contemporary challenges will be examined along with methods of ethical analysis. Students should walk away with a better appreciation of the ethical foundations of computer science and engineering as well as with useful tools for ethical analyses.

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

FREN 2390-H01	<i>French Culture</i>	(CRN# TBD)	Prof. S. LaLonde-Romano	MWF 10:00-10:50 AM
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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.

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

HDFS 3306-H01	<i>Child and Adolescent Guidance</i>	(CRN# 63193)	Prof. M. Ziegner	MWF 1:00-1:50 PM
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Cross-listed with EC 3306-H01.

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!

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)	Prof. R. McBee	TR 2:00-3:20 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, Viet Nam and the current political scene. The course focuses on broad patterns and interpretations rather than a collection of independent facts. Two elements especially distinguish this particular class: an emphasis on discussion over sometimes controversial issues and an awareness of current events, which are nothing more than a continuation of the American story through the present.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM AMERICAN HISTORY REQUIREMENT.

HIST 4338-H01	<i>History of "Small Wars"</i>	(CRN# 62829) SEMINAR	Prof. J. Milam	TR 2:00-3:20 PM
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Prerequisite: *Junior standing or consent of instructor.*

A research seminar focusing on insurgencies involving both American and international forces.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HIST 4353-H01	<i>The French Revolution and Napoleon</i>	(CRN# 62721) SEMINAR	Prof. E. Legacey	TR 2:00-3:20 PM
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Prerequisite: *Junior standing or consent of instructor.*

The Old Regime and the Enlightenment. The Revolution and its drama, ideas, events, personalities, and complexities. Napoleon: heir, paladin, or liquidator of the Revolution?

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 1301-H01	<i>The Civil Rights Movement and Making Modern America</i>	(CRN# 63624)	Prof. J. Parker	TR 5:30-6:50 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.

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

HONS 1304-H01	<i>History of West Texas Music</i>	(CRN# 25938)	Prof. C. Peoples	TR 5:00-6:20 PM
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This course is a comprehensive history of music in the West Texas region. West Texas has a celebrated music history making it a premier location to study topics related to music and place. Students will explore topics such as history, process, place, style and identify as related to music. The music styles include brass band, gospel, rock and roll, country and western, Tejano, conjunto, blues, jazz, and other musical genres. Students will read materials related to music and place from a number of geographic areas and from varied theoretical frameworks.

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

HONS 1304-H02	<i>The Choreography of Human Interactions: The Doctor's Bedside Manner, Business Presentations, and Teamwork</i>	(CRN# 50176)	Prof. T. Calamoneri	TR 9:30-10:50 AM
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"Movement never lies," said pioneering choreographer Martha Graham. Her father was a psychiatrist who studied movement as the barometer of emotions. Dancer Warren Lamb studied gesture as a measure of decision-making style. Human interaction is enacted through subtle gestures and body language, and trust is built through a delicate dance of non-verbal communication. This course is an introduction to movement studies that teaches students to become more aware of their own bodies and the imperceptible messages they project. We study basic principles of movement, including space, tempo, effort, and shape, as well as ensemble exercises that teach students how to read one another's actions while maintaining a group flow. The applications are many, from cultivating a doctor's bedside manner, to finding the right presentational tone for the perfect pitch, to developing the collaboration skills for successful team projects. Students learn how to control their physical instrument in order to project their goals confidently.

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 9:30-10:50 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.

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

HONS 1304-H04	<i>Creative Processes</i>	(CRN# 63584)	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 readings, group and individual projects, and seminar discussion, you will develop a vision of the creative process, learn to identify blocks to that process, and acquire techniques for getting you unblocked. The course is not just about art but about creative thinking and habits that are applicable to all human endeavors.

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

HONS 1304-H05	<i>The Music of the Beatles</i>	(CRN# 63792)	Prof. M. Morton	TR 2:00-3:20 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.

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

HONS 3300-H01	<i>Individual Honors Research</i>	(CRN# 40043)	Prof. J. Hodes
HONS 3300-H02	<i>Individual Honors Research (HSH Majors Only)</i>	(CRN# 63615)	Prof. J. Hodes

Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS.

Prerequisite: *To be admitted to the Honors thesis program, students must be enrolled in the Honors College, must be in the final two semesters of their degree program, and must file an application for approval. Thesis courses are not offered during the summer terms.*

An Honors thesis is a long formal research paper or written creative work that conforms to the journal publishing standards in a chosen field. The Honors thesis program consists of two semester-long research and writing courses, HONS 3300, followed by HONS 4300. Students do not meet in a classroom, but instead work independently, and in concert with a student-selected thesis director, and the HONS 3300/4300 instructor. The thesis director must be a Texas Tech University faculty member. With guidance, students work through a series of steps from the development of an argument to a completed thesis. In these two courses, students master the following skills: note-taking, effective outlining, integrating primary and secondary sources, document formatting, utilizing constructive feedback, argumentative and/or creative writing, and revising. Students who successfully complete an Honors thesis are eligible to graduate from the Honors College with the distinction of Highest Honors.

Honors students seeking an application contact Cheyenne Belew (Cheyenne.belew@ttu.edu); HAL/HSH majors contact Chad Cain (chad.cain@ttu.edu).

For HONS 3300, the deadline to receive a permit, pending an approved application, is Wednesday, January 13th, 2021.

HONS 3301-H02	<i>Sustaining the Global Ecology and Economy in the 21st Century</i>	(CRN# 58861) SEMINAR	Prof. M. Farmer	TBD
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Prerequisite: *Junior or Senior standing, or consent of the instructor.*

A poignant feature of global ecological stress is that the world's poorest people often are the stewards of the most sensitive ecosystems. How these persons respond to economic stress in managing resources may determine how well the rest of us will live over the next two centuries; yet their choices are often baffling. For instance, many families living on less than \$2 per day pool funds to hire private teachers with no university degree when free public schools with professional teachers are available.

Through much of human history, people have lived more like the world's poorest today. Critical advances in human civilization often have centered on innovations in managing natural resources. This course first covers the larger trends in economic development over the last 3500 years from the rise of River Empires to modern Nation States. The course emphasizes what led to success in each system and what caused eventual failure. Then the students with the instructor review the current literature on how the poorest live today in the modern nation state to discuss whether the problems of poverty, economic disparity and ecological stress threaten the resilience of the modern world.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3301-H05	<i>Exploring Human Interaction Through Video Games</i>	(CRN# 59188) SEMINAR	Prof. E. Bisanz	TR 2:00-3:20 PM
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As we evolve, our genuine human desire to express ourselves, connect with others, and discover new worlds and experiences evolve alongside us. The instruments and tools we invent and use for these purposes change as well, leaving their footprints on our perception, behavior, and even our skills. The course focuses on VIDEO GAMES as a specific form of cultural interaction between humans and machines. Within this, it studies fascinating features of the human experience through concepts such as the oppositions: Reality vs. Virtuality, Empathy vs. Sympathy, or even Freedom vs. Responsibility. Combining methods from Sciences and Humanities and using real games as examples, we will discuss the cultural role of Video Games to understand more about how we think, how we learn, how we perceive and how we engage with each other.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3301-H08	<i>Science in American Society</i>	(CRN# 58834) SEMINAR	Prof. G. Bell Prof. T. Reid	T 6:00-8:50 PM
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In a time of the twin pandemics, COVID-19 (epidemiological) and rampant science denial (intellectual), this class is designed to look at the entire spectrum of our society's relationship to the scientific world. 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.

HONS 3302-H01	<i>Honors Seminar in Healthcare</i>	(CRN# 49147) SEMINAR	Prof. L. Sullivan	T 3:00-5:50 PM
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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, and the TTU Innovation Hub.

****Depending upon the COVID-19 restrictions in the spring 2021 semester, there may be opportunities for hands-on learning experiences in the TTUHSC SimLife Center and Preston Smith Library Methodology Lab as well as a tour of the Lubbock County Detention Center.**

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3302-H02	<i>Patents, Innovation, and Science Policy</i>	(CRN# 58835) SEMINAR	Prof. C. Smith	TR 11:00 AM-12:20 PM
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Patents, Innovation and Science Policy is a topical course which covers scientific and engineering discoveries from research and development, intellectual property and patent application, and licensing, to entrepreneurship and commercialization. Innovations and research breakthroughs are leading to exponential growth in scientific capabilities, which have both market value and ethical considerations. Scientific discoveries shape patent landscape and vice versa, and this course will discuss taking an idea from inception to research and development to commercialization and applying for a patent through the United States Patent and Trademark Office. Students are inherently inventors, and this course will provide a marriage of scientific method and legal thinking to better equip students to develop into innovators. This writing intensive, interdisciplinary course will incorporate concepts from engineering, the life sciences, business and entrepreneurship, public policy, intellectual property, and patent law.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3302-H03	<i>Early Clinical Experience</i>	(CRN# 58836) SEMINAR	Prof. L. Johnson	MW 1:00-1:50 PM W 2:00-4:50 PM
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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 December 2019 or May/August/December 2020 TTU graduates (as shown on the Tech system) with steady progress made toward completion of medical school science requirements. Students must submit to a criminal background check and will need to pass a TB test prior to entry in the class.

Applications are due by 11:59 PM on October 15th, 2020. To apply, use the following webpage: [Spring 2021: Honors Course Applications](#)

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.

HONS 3304-H01	<i>Music and Your Mind</i>	(CRN# 26134)	Prof. P. Martens	MWF 10:00-10:50 AM
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SEMINAR

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

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3304-H02	<i>Introduction to Scientific Illustration: Bones, Botanicals, Birds</i>	(CRN# 26143)	Prof. S. Tomlinson	MWF 1:00-1:50 PM
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SEMINAR

Dangerous ship crossings, unknown and hostile terrain, starvation, bad weather, bandits, and no communication with loved ones for months or years. The nineteenth-century botanists, biologists, and ornithologists were the original Indiana Jones in their quest to discover new plant and animal species. They were courageous and determined, just as were the illustrators traveling with them, who produced some of the most important and often lovely scientific records of the day. Today’s scientific illustrators may not face as many dangers, but their work is still vital and beautiful. In this Honors College seminar experience, we will do some of our own exploration, as we learn by illustrating scientific subjects ourselves, using many of their same techniques. We will paint and draw and yes, go out into the field a time or two, but do not be afraid! You do not have to have prior skill or experience in either to be successful in this course. All skill levels are welcomed, from beginning to advanced. This is a hybrid course: the first half of the semester will focus on learning skills through online tutorials, and the second half will involve more individual, face to face instruction, in small cohorts, in an outdoor setting (weather permitting).

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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

An Honors thesis is a long formal research paper or written creative work that conforms to the journal publishing standards in a chosen field. The Honors thesis program consists of two semester-long research and writing courses, HONS 3300, followed by HONS 4300. Students do not meet in a classroom, but instead work independently, and in concert with a student-selected thesis director, and the HONS 3300/4300 instructor. The thesis director must be a Texas Tech University faculty member. With guidance, students work through a series of steps from the development of an argument to a completed thesis. In these two courses, students master the following skills: note-taking, effective outlining, integrating primary and secondary sources, document formatting, utilizing constructive feedback, argumentative and/or creative writing, and revising. Students who successfully complete an Honors thesis are eligible to graduate from the Honors College with the distinction of Highest Honors.

Honors students seeking an application contact Cheyenne Belew (Cheyenne.belew@ttu.edu); HAL/HSJ majors contact Chad Cain (chad.cain@ttu.edu).

HONS 4302-H01	<i>Icons of Popular Culture: The DC Universe</i>	(CRN# 54391)	Prof. R. Weiner	M 5:00-7:50 PM
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SUMMIT

Ever since the publication in 1935 of New Fun the company that would become known as DC was born. Characters like Batman, Superman, Wonder Woman, the Joker, Shazam, and so many others have become part of our popular consciousness and modern-day folklore. This course will examine the history of DC as well as key moments in the DC universe. Through comics, movies, television, toys, and video games DC has branded itself in our culture. We will explore the world of DC and why certain characters continue to rise in popularity. We will look at different media such as film, television video games in addition to reading important storylines that have shaped the DC universe. We will look at the rivalry between Marvel and DC and how the history of the two companies often became a fierce battle for prominence. This course is reading intensive and contains mature content.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H02	<i>Science Fiction and Science: Superheroes, Super Villains, AI, Time Travel, and Film in Science and Popular Culture</i>	(CRN# 54392) SUMMIT	Prof. J. Carrell Prof. R. Weiner	R 4:00-6:50 PM
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This course examines the scientific basis in various aspects of popular culture. It is no stretch to say that superheroes and super villains have become part of our modern mythology. We will examine the scientific basis behind superheroes and super villains. In addition, this course involves other topics as well, including artificial intelligence, time travel, and the science fiction film through the lens of both science and popular culture. This course attempts to answer how science is a part of the creation of superheroes and super villains. How has popular culture, science, and history treated artificial intelligence and time travel? Science fiction film usually has a basis in some type of scientific method which we will examine and attempt to answer the question where is the science in science fiction film? Students will have the opportunity to use scientific methods to create their own superhero or super villain. This course is reading intensive and contains mature content.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H03	<i>Principles of Public Health</i>	(CRN# 55849) SUMMIT	Prof. A. Smith	MWF 11:00-11:50 AM
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Principles of Public Health is an introduction to the population health approach of public health, as opposed to individual health that is the focus of clinicians. This course will cover the principles of evidence-based public health and tools for implementation including health communication and informatics, applications of social and behavioral sciences, and health policy, law and ethics. Methods for addressing non-communicable and communicable diseases, environmental diseases and injury as well as an overview of the U.S. health care system will also be addressed, as well as modern concerns in public health such as infection prevention, nosocomial disease and antibiotic resistance, and agents of bioterrorism. This interdisciplinary course will include concepts from biological sciences, mathematics, and public policy.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H04	<i>How to Keep a Naturalist's Notebook</i>	(CRN# 54597) SUMMIT	Prof. S. Tomlinson	MWF 3:00-3:50 PM
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Instagram and selfies are not the only way to record an experience. Travelers and Naturalists have long used drawing and notetaking skills to keep personal journals and logs of their experiences in the field. This course focuses on developing those traditional skills and tailoring them to the individual's needs. We will cover a diversity of subjects, including mapmaking, identifying birds and wildflowers, drawing buildings and landscapes and cityscapes in perspective, documenting experiences, and composing our journal pages in ways that please us and bring us joy when we look back on them in years to come. All skill levels are welcome. This is a hybrid course: the first half of the semester will focus on learning skills through online tutorials, and the second half will involve more individual, face to face instruction, in small cohorts, in an outdoor setting (weather permitting).

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H05	<i>What America's Greatest Living Novelist Has to Say About the Coming Zombie Apocalypse</i>	(CRN# 55612) SUMMIT	Prof. B. Giemza	TR 9:30-10:50 AM
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Cormac McCarthy, who writes extensively about the southwest and Mexico, is regarded by some critics as America's finest living novelist. He lives at the Santa Fe Institute among scientists who study complexity theory, so it is perhaps no surprise that many of his works offer a scientifically grounded, if apocalyptic, view of the future. What can McCarthy's works teach us about vanishing civilizations, including, perhaps, our own? How can we apply McCarthy's reflections on biology, natural history, and philosophy to creating more livable futures—and averting apocalypse?

This reading-intensive summit in humanities and the environment will take us deep into the treasures of the Sowell Collection, an archive that contains some of the most important nature writers of our time. Additionally, the course offers a unique opportunity to participate in a university-wide initiative called Livable Futures, which in turn provides on-campus opportunities to connect with sustainability thought-leaders. By design, this is an experiential course designed to cultivate and apply the skills needful for graduate study. Participants will interpret primary and archival materials and be expected to help lead activities designed to co-create knowledge with peers. You will receive practical instruction in how to publish your work, apply for funding, and submit to conferences. There will be excursions to an herbarium and even a local ranch, and a first-chance-to-see a recently created documentary about McCarthy's work.

Significant components include reading in both fiction and nonfiction, class discussions, publishable writing, research (including archival research), and possible field trips.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H06	<i>Making a Sustainable Future: Environmental, Economic, and Social Impacts of Sustainability</i>	(CRN# 59201)	Prof. J. Carrell	TR 9:30-10:50 AM
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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.

LAT 1502-H01	<i>A Beginning Course in Latin II</i>	(CRN# 62982)	Prof. W. Tortorelli	MWF 9:00-9:50 AM
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Prerequisite: B- or better in LAT 1501.

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LIBR 1100-H02	<i>Essentials of Scholarly Research</i>	(CRN# 61624)	Prof. L. Heinz	W 9:00-9:50 AM
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Designed to introduce students to life-long information literacy skills and establish the tools for effective and efficient research in a university library. Objectives are based on the ACRL Standards for Information Literacy for Higher Education. Honors students will be required to critically analyze and synthesize information resources to be included in an annotated bibliography and literature review on a topic of their choosing. Case studies will be used in class to discuss issues of academic integrity and ethical use of information.

MATH 1451-H01	<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. P. Schovanec	MWF 2:00-2:50 PM M 1:00-1:50 PM
MATH 1452-H02	<i>Calculus II with Applications</i>	(CRN# 46038)	Prof. P. Schovanec	TR 9:30-10:50 AM R 11:00 AM-11:50 AM

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. L. Juan	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.

MATH 2450-H01	<i>Calculus III with Applications</i>	(CRN# 45951)	Prof. E. Aulisa	TR 12:30-1:50 PM T 11:30 AM-12:20 PM
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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.

MATH 3342-H01	<i>Mathematical Statistics for Engineers and Scientists</i>	(CRN# 47451)	Prof. F. Zhang	MWF 3:00-3:50 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. G. Borna	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.

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 11:30 AM-1:20 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. C. Wakeman	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)

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.

MKT 3350-H01	<i>Introduction to Marketing</i>	(CRN# 26239)	Prof. A. Marin Melo	TR 11:00 AM-12:20 PM
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Prerequisite: B- or better in MATH 1331 or MATH 1451 or MATH 1452; B- or better in ECO 2302 or ECO 2305 or AEAC 2305; minimum 3.0 TTU GPA; RCOBA strongly recommends taking both ACCT 2300 and ACCT 2301 before enrolling in MKT 3350 and other upper-division courses.

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

MUHL 1308-H01	<i>Music in Western Civilization</i>	(CRN# 59442)	Prof. E. Fried	TR 12:30-1:50 PM
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Introductory course for non-music majors in the history of music and its role in western civilization from the Middle Ages through the 20th century and beyond.

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

MUSI 1300-H01	<i>Creating the Critical Listener</i>	(CRN# 60435)	Prof. H. Beltz	MWF 11:00-11:50 AM
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Drawing on classical, folk, popular, and world music traditions, this course cultivates a set of analytical tools that enables one to listen, read, speak, and write accurately, critically, and insightfully about music from a variety of global traditions.

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

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

PCOM 3373-DH1	<i>Business Communication</i>	(CRN# 63455)	Prof. K. Moore	TR 2:00-3:30 PM
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Prerequisite: *B- or better in ENGL 1301 and 1302; sophomore standing; as of 10/22/2020, this section is open to all majors.*

According to the Job Outlook 2018 by the National Association of Colleges and Employers, the top three skills employers seek on a candidate's resume are problem-solving skills, the ability to work in teams, and written communication skills. Because companies continue to rate interpersonal skills as more important than analytical skills, students in every field of study should build strong communication skills before they enter the workforce. However, even though 96% of employers agree on the importance of communication, only 42% rated recent college graduates as proficient. Therefore, the Honors section of PCOM 3373 provides the opportunity for you to develop these skills to help differentiate you from other job seekers, and to prepare you to be successful in your chosen career field.

In this course, you will learn:

- Why the credibility of a communicator matters, especially in the workplace;
- Why adapting to different audiences and using appropriate channels can determine the effectiveness of a message
- How to be clear and concise to encourage message comprehension
- How to use written and oral communication skills to compose messages that inform and persuade audiences
- How to effectively work in teams by understanding strengths, and weaknesses
- How to work with clients to identify communication needs and solutions

Additionally, PCOM 3373 will meet these goals by using a flipped teaching approach and a real-world, immersive learning experience. First, you will come to class having read communication principles from expert business communication authors. During class sessions, you will practice developing messages and applying skills. Then, you will work with peers to provide communication recommendations to a Texas Tech or Lubbock community client. By the end of the semester, you'll present an effective persuasive proposal that addresses the communication needs of your client.

PFI 1305-DH1	<i>Life, Love, and Money</i>	(CRN# 63256)	Prof. S. Huston	TR 9:30-10:50 AM
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This course focuses on the investments we make in ourselves over our lifetime to be more effective, efficient and happier people. The course is divided into three main units. First, the life unit focuses on determining our life goals and specifically how we are investing in our own productive capital through education and experiences that will help us leverage our abilities in the labor market and improve our likelihood of realizing a satisfying and rewarding career. The second unit focuses on relationships (in general) and romantic-based long-term couple relationships. We spend a lot of our resources investing in relationships and we look at what the research suggests we do to become better relationship partners so we can increase our odds of sustaining and creating satisfying and rewarding relationships over our lifetime. Finally, the course concludes with a focus on the psychological aspects of money. In addition to the importance of financial literacy – or the functional aspects of money – people need to realize and understand their orientation to money from a psychological and behavioral perspective to help them make efficient and effective money choices to support their life and relationship goals. Class time will be spent exploring the many concepts that contribute to our investment decisions in these three areas and learning opportunities focus on apply these concepts to your life in particular.

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

PFI 3301-H01*	<i>Introduction to Personal Finance</i>	(CRN# 63689)	Prof. C. Browning	TR 11:00 AM-12:20 PM
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.

***Distance section offered: PFP 3301-DH1 (CRN# 63696).**

PHIL 2320-H01	<i>Introduction to Ethics</i>	(CRN# 57657)	Prof. J. Schwartz	TR 11:00 AM-12:20 PM
PHIL 2320-H02	<i>Introduction to Ethics</i>	(CRN# 60976)	Prof. J. Schwartz	TR 9:30-10:50 AM

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?)

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

PHIL 3321-H01	<i>Philosophy of Law</i>	(CRN# 62712)	Prof. D. Nathan	TR 12:30-1:50 PM
SEMINAR				

Discussion, based on study of philosophical writings, of various conceptions of law and their relation to morality. Includes philosophical problems about liberty, privacy, justice, and criminal punishment.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

PHYS 1408-H01	<i>Principles of Physics I</i>	(CRN# 45874)	Prof. T. Gibson	TR 9:30-10:50 AM
PHYS 1408-H51	<i>No-Credit Lab</i>	(CRN# 45875)		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.

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)	Prof. H. Hodovanets	TR 11:00 AM-12:20 PM
PHYS 2401-H51	<i>No-Credit Lab</i>	(CRN# 57190)		R 4:00-5:50 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.

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 3:30-4:50 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.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM GOVERNMENT/POLITICAL SCIENCE REQUIREMENT.

PSY 1300-H02	<i>General Psychology</i>	(CRN# 60893)	Prof. C. Richards	TR 2:00-3:20 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.

PSY 4305-H01	<i>Abnormal Psychology</i>	(CRN# 62664)	Prof. P. Ingram	TR 9:30-10:50 AM
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SEMINAR

Prerequisite: B- or better in PSY 1300.

Personality deviations and maladjustments; emphasis on clinical descriptions of abnormal behavior, etiological factors, manifestations, interpretations, and treatments.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

SPAN 2301-H01	<i>A Second Course in Spanish I</i>	(CRN# 52137)	Prof. S. Larson	TR 9:30-10:50 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)	Prof. B. Rogers	TR 12:30-1:50 PM
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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.

THA 2301-H01	<i>Introduction to Acting</i>	(CRN# 50182)	Prof. R. Nolen	TR 12:30-1:50 PM
THA 2301-H02	<i>Introduction to Acting</i>	(CRN# 56679)	Prof. R. Nolen	TR 3:30-4:50 PM

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

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

SPRING 2021 HONORS SEMINARS

FULL/CLOSED courses are listed in red text

ANSC 4001-H01	Ethics in Research	W 6:00-8:50 PM	Prof. S. Prien
CMI 4310-H01	The Blockbuster: the 21 st Century Film Industry	TR 11:00 AM-12:20 PM	Prof. R. Peaslee
CMI 4313-H04	Adventure Media (Application Required)	(See Course Description)	Prof. J. Foster Prof. J. Keene
HIST 4338-H01	History of "Small Wars"	TR 2:00-3:20 PM	Prof. J. Milam
HIST 4353-H01	The French Revolution and Napoleon	TR 2:00-3:20 PM	Prof. E. Legacey
HONS 3301-H02	Sustaining the Global Ecology and Economy in the 21 st Century	TBD	Prof. M. Farmer
HONS 3301-H05	Exploring Human Interaction Through Video Games	TR 2:00-3:20 PM	Prof. E. Bisanz
HONS 3301-H08	Science in American Society	T 6:00-8:50 PM	Prof. G. Bell Prof. T. Reid
HONS 3302-H01	Honors Seminar in Healthcare	T 3:00-5:50 PM	Prof. L. Sullivan
HONS 3302-H02	Patents, Innovation, and Science Policy	TR 11:00 AM-12:20 PM	Prof. C. Smith
HONS 3302-H03	Early Clinical Experience (Application Required)	MW 1:00-1:50 PM W 2:00-4:50 PM	Prof. L. Johnson
HONS 3304-H01	Music and Your Mind	MWF 10:00-10:50 AM	Prof. P. Martens
HONS 3304-H02	Introduction to Scientific Illustration: Bones, Botanicals, and Birds	MWF 1:00-1:50 PM	Prof. S. Tomlinson
PFP 3301-H01	Introduction to Personal Finance	TR 11:00 AM-12:20 PM	Prof. C. Browning
PHIL 3321-H01	Philosophy of Law	TR 12:30-1:50 PM	Prof. D. Nathan
PSY 4305-H01	Abnormal Psychology	TR 9:30-10:50 AM	Prof. P. Ingram

SPRING 2021 HONORS SUMMITS

FULL/CLOSED courses are listed in red text

HONS 4302-H01	Icons of Popular Culture: The DC Universe	M 5:00-7:50 PM	Prof. R. Weiner
HONS 4302-H02	Science Fiction and Science	R 4:00-6:50 PM	Prof. J. Carrell Prof. R. Weiner
HONS 4302-H03	Principles of Public Health	MWF 11:00-11:50 AM	Prof. A. Smith
HONS 4302-H04	How to Keep a Naturalist's Notebook	MWF 3:00-3:50 PM	Prof. S. Tomlinson
HONS 4302-H05	Cormac McCarthy and the Zombie Apocalypse	TR 9:30-10:50 AM	Prof. B. Giemza
HONS 4302-H06	Making a Sustainable Future	TR 9:30-10:50 AM	Prof. J. Carrell