

Spring 2022

HONORS COLLEGE COURSE OFFERINGS



ADMISSION TO HONORS COURSES

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

For more information, or to request a seat in an Honors section, please contact the Honors College:
McClellan Hall, Room 103 | (806) 742-1828 | Honors@ttu.edu

GRADUATION WITH HONORS DESIGNATIONS

Students must complete 24 hours in Honors coursework to graduate from Texas Tech University with the transcript designation “with Honors from the Honors College.”

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 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 Latin Honors (e.g., *Summa cum laude*, *Magna cum laude*, and *Cum laude*).

HOW TO USE THIS BOOKLET

Course information, such as days and times, are subject to change.

The core curriculum information listed in this booklet reflects the university’s list of core curriculum requirements, effective fall 2014. Students entering TTU prior to fall 2014 should consult the catalog of their entry term for a list of core curriculum options.

Honors student:

Registration for Spring 2022 courses is approaching! Along those lines, the Honors advising process will commence soon. In addition to reading this correspondence completely and carefully, we also encourage you to consult our [Honors Advising \(honors.ttu.edu >> Academics & Enrichment >> Honors Advising\)](https://honors.ttu.edu) webpages.

Please see the dates below for information relevant to your classification by hours, earned as of August 2021. We recommend that you check your TTU unofficial transcript on Raiderlink *now* to ensure that all of the credit hours you believe you should have posted to your transcript, because these are the hours on which your advising classification will be based. Please contact the Registrar's Office to have any discrepancies corrected *as soon as possible*. As well, we strongly encourage you to make contact with your primary major advisor prior to submitting an Honors online Permit Request Form and/or registering for classes.

All Honors students can expect to receive an email directed to you specifically containing detailed instructions on what actions to take in preparation for advising/permit approval. *Please do not make plans or assumptions based on emails that your friends or classmates receive, as their instructions may be different from yours.* Remember to check your Clutter or Junk folders, in case our correspondence is directed there.

Classification by hours	Online Permit Request Form window opens	Online Permit Request Form window closes	Notification of permit requests	Spring 2022 / Summer 2022 registration opens
Seniors (students with 90 or more earned hours as of August 2021)				
	MON, October 11 th at 5:00pm	WED, October 13 th at 8:00am	FRI, October 15 th (end of the day)	THU, November 4 th at 3:00pm
Juniors (students with 60 – 89 earned hours as of August 2021)				
	MON, October 18 th at 5:00pm	WED, October 20 th at 8:00am	FRI, October 22 nd (end of the day)	FRI, November 5 th at 3:00pm
Sophomores (students with 30 – 59 earned hours as of August 2021)				
	MON, October 25 th at 5:00pm	WED, October 27 th at 8:00am	FRI, October 29 th (end of the day)	FRI, November 5 th at 3:00pm
Freshmen (students with 0-29 earned hours as of August 2021)				
	MON, November 1 st at 5:00pm	WED, November 3 rd at 8:00am	THU, November 4 th (end of the day)	FRI, November 5 th at 3:00pm

all times Central time-zone

Appointment Scheduling Information:

Honors advising appointments will be conducted virtually on Zoom *or* in-person at McClellan Hall (with masks strongly encouraged), depending on your preference. If you are required to meet with an Honors advisor, or would simply like to do so, please use our online scheduling system, [Genbook](#), to set an appointment time.

Honors advising appointment slots will be open for November 10th and will continue through November 30th.

Honors 1st-year students and new current/transfer Honors students (admitted to the College for Spring 2022) will be contacted and required to schedule an advising appointment with an advisor during that timeframe. As well, Honors students who are not making steady progress towards Honors course requirements will be contacted and required to schedule an advising appointment.

Honors 3rd-year students are strongly encouraged, though not required, to schedule an advising appointment. All other Honors students are invited to make an appointment.

If you have questions related to Spring 2022 and/or Summer 2022 course selection – or other immediate issues with which you need assistance from an advisor prior to your Honors registration date – we encourage you to contact us via email, at honors.advising@ttu.edu or to a specific Honors advisor.

Permit Requests and Registration Information:

All university classes for Spring 2022 and Summer 2022 should be loaded on Raiderlink by October 7th. Honors sections offered during the spring semester are listed here in this booklet (which is subject to revision as Honors sections are added, cancelled, or otherwise modified).

The online Permit Request Form (PRF) will be posted soon on the Honors Advising webpage associated with your classification by hours. You may NOT submit an online PRF prior to the date and time outlined for your classification. *If your form arrives before the appropriate PRF start time, it will be deleted and your permit request(s) will not be processed.*

Please note that Visual Schedule Builder will not always pull in Honors course sections accurately. We recommend you use the Plan Ahead Tool in the Add/Drop classes portal or use the Section Search Tool to build your schedule manually.

On your online Permit Request Form, **you must provide a full tentative Spring 2022 course schedule**, including your intended Honors and non-Honors courses (or the PRF will not be processed).

You can find a sample degree plan/course sequence for your major in the TTU Undergraduate Catalog (catalog.ttu.edu) or find course requirements in your DegreeWorks portal.

As with the previous advising cycle, **permits are only needed for selected, high-demand Honors sections**, and not for all Honors sections offered in Spring 2022. Please consult this booklet to see if Honors sections in which you are interested require a permit to enroll.

Permits will be required for enrollment in Honors Summit Experience sections, and will be issued first to May 2022 and August 2022 Honors graduates ONLY. After our upcoming graduates have been accommodated, remaining Summit permits will be given with preference to other students graduating within the year.

Please do not contact advisors to ask about permit requests before the stated date and time when we'll send notifications about permit issuance. (See the detailed instructions for your classification above.)

If a permit for a high-demand Honors section is issued to you and you do not plan on registering for that course, please notify an Honors advisor so that the space may be given to another student.

Check your current holds and verify your permits under the "My Enrollment" tab of your Student Dashboard prior to your registration date.

Always include your R# in any correspondence with a TTU advisor so that we can help you more efficiently.

Waitlists:

For high-demand Honors sections which require a permit to enroll...

The Honors College manages the waitlists for such courses. The number of permits issued will match the number of seats designated for the section. Once all permits are issued, any student who requests a permit will be placed on the waitlist.

If/When spaces open up in full courses, the College will contact students on the waitlist one at a time, in the order they are kept on the waitlist. We will always contact you at your TTU email address. If you receive an email from us notifying you that a space has opened up for you, the email will request your confirmation that you still want to take the course and have room for it in your schedule. Thus, it is essential that you check your TTU email daily to watch for important communications from us and other departments.

We work our waitlists through the beginning of the semester.

PLEASE NOTE: There are occasions when the number of students enrolled in these sections as reflected on Raiderlink does not match the number of permits issued for the Honors section. In these cases, there are students who have recently received a permit for this section and have not (yet) enrolled in it. They have a certain timeframe to use the permit; otherwise it will go to the next student(s) at the top of that waitlist which is managed by the College.

Do not contact instructors of courses for overrides, as they do not track enrollments or know whether a waitlist exists for the Honors section. For our high-demand Honors sections, we will not unfairly skip over students on a waitlist to put others into the course ahead of them, even if a professor approves you for her/his course.

For Honors sections not noted as high-demand which do NOT require a permit for an Honors student to enroll...

Raiderlink, not the Honors College, manages the waitlists for such courses. Once such an Honors section fills, you should be able to add your name to the waitlist through the Course Registration function on Raiderlink.

If your name moves to the top of the waitlist, Raiderlink will trigger an email which notifies you that you have a certain amount of time in order to enroll in the section. As noted above, it is essential that you check your TTU email daily.

Honors Advising Info Sessions on Zoom:

The Honors advisors will host virtual advising info sessions about the permitting of high-demand Honors sections and course registration. They will be hosted on Zoom on the following dates:

- Friday, October 8th, at 11:00am
- Monday, October 18th, at 1:00pm
- Monday, October 25th, at 2:00pm

These virtual advising info sessions are optional yet will provide helpful details and guidance as Honors students are taking part in the advising, permitting, and registration process.

Here is the Zoom link to each of the Honors advising info sessions:

<https://us02web.zoom.us/j/81391633206?pwd=M1kwRzlxXaTd6WjUvUnhsbGFWSThxUT09>.

***** Honors advising holds on Raiderlink for most Honors students will be moved forward by November 4th. *The Honors hold for Honors students required to schedule an appointment with an Honors advisor will be moved forward when that appointment is scheduled on Genbook. For all other Honors students, their Honors hold will move forward automatically. ******

Please let us know if questions arise. You are welcome to reach out to an individual Honors team-member or to us at honors.advising@ttu.edu.

We look forward to serving you in your preparations for the Spring 2022 & Summer 2022 semesters, and beyond!

~ Your Honors Core Advising Team

SPRING 2022 HONORS COURSEWORK

- Courses with a **green notation** do not require a permit for an Honors student to enroll. When non-permit sections fill, students will use Raiderlink to add their names to the section's waitlist.
- Courses with a **yellow notation** require a student to submit a Permit Request Form (PRF). PRFs must be approved by an Honors advisor. For information on how and when to submit your PRF, see the [Honors Advising](#) webpage. When permit-required sections fill, the section will be listed in **red**. Students submitting a PRF for a filled section will be added to our internal waitlist. If a space becomes available, the student next on the internal waitlist is notified by their TTU email.

Questions? Email Honors.Advising@ttu.edu. Be sure to include your R# in the email.

ANSC 2202-H01	<i>Principles of Anatomy of Domestic Animal</i>	CRN# 63462	Prof. Jessica Thomas	W 9:00-9:50 AM Face-to-face
ANSC 2202-H51	<i>No Credit Lab</i>	CRN# 63461	Prof. Jessica Thomas	W 11:00 AM-12:50 PM Face-to-face

NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

ANSC 3314-H01	<i>Companion Animal Behavior and Training</i>	CRN# 64989	Prof. Nathaniel Hall	TR 12:30-1:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: ANSC 1401

Covers basic principles of animal learning and provides an introduction to dog training and companion animal behavioral consulting.

ANSC 4001-H01 <i>SEMINAR</i>	<i>Special Problems in ANSC: Ethics in Research</i>	CRN# 29100	Prof. Samuel Prien	W 6:00-8:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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.

ANTH 2302-H01	<i>Introduction to World Cultures and Ethnology</i>	CRN# 65015	Prof. Lauren Griffith	MWF 11:00-11:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

The rich complexity of peoples and cultures in the world as studied by anthropologists. Discussion of basic concepts such as ethnography, linguistics, and social organization.

**FULFILLS 3 HOURS OF THE SOCIAL AND BEHAVIORAL SCIENCES CORE CURRICULUM REQUIREMENT [and]
FULFILLS 3 HOURS OF THE MULTICULTURAL CORE CURRICULUM REQUIREMENT.**

ARCH 2315-H01	<i>History of World Architecture II</i>	CRN# 55599	Prof. Clifton Ellis	TR 2:00-3:20 PM Face-to-Face
ARCH 2315-H71	<i>No Credit Discussion</i>	CRN# 63157	Prof. Clifton Ellis	F 10:00-10:50 AM Face-to-Face

NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Note: ARCH 2311: History of World Architecture I not required before ARCH 2315

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

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

ART 4304-H01 CANCELED	<i>Independent Study in Art: Art, Environment, Sustainability</i>	CRN# 65789	Prof. Carol Flueckiger	TR 6:30-9:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Cross-listed with ART 4304-109; To register, add course using the CRN#.

Prerequisite: Prerequisite waived for Honors College section.

Painting/Drawing/Mixed Media techniques at the Intersection of materiality, technology, and environment. Artworks will range from traditional painting methods as well as mixed media. Reading and writing projects are part of the course.

Examples of past projects can be found on Dr. Flueckiger's website: [Art, Environment, Sustainability](#)

ATMO 1300-H01	<i>Introduction to Atmospheric Science</i>	CRN# 65522	Prof. Brian Ancell	MWF 2:00-2:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Corequisite: ATMO 1100 (any section) strongly recommended

An investigation of atmospheric properties and physical processes that determine current weather events and long-term climate conditions.

FULFILLS 3 HOURS OF THE LIFE AND PHYSICAL SCIENCES CORE CURRICULUM REQUIREMENT.

BECO 3310-H01	<i>Applied Business Economics</i>	CRN# 61694	Prof. Eric Cardella	TR 11:00 AM-12:20 PM Face-to-face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: B- or better in ECO 2302 or ECO 2305 or AAEC 2305; 3.0 TTU GPA

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	TBA	MW 8:00-9:20 AM Face-to-Face
BIOL 1404-H51	<i>No Credit Lab</i>	CRN# 39713	TBA	R 2:00-4:50 PM Face-to-face
BIOL 1404-H52	<i>No Credit Lab</i>	CRN# 63668	TBA	R 9:30 AM-12:20 PM Face-to-Face

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

**Note: Choose either BIOL 1404-H51 or BIOL 1404-H52*

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. Dominick Casadonte	TR 8:00-9:20 AM Face-to-face
CHEM 1308-H02	<i>Principles of Chemistry II</i>	CRN# 52326	Prof. Dominick Casadonte	TR 9:30-10:50 AM Face-to-face
CHEM 1308-H03	<i>Principles of Chemistry II</i>	CRN# 55757	Prof. Dominick Casadonte	TR 11:00 AM-12:20 PM Face-to-Face
CHEM 1308-H04	<i>Principles of Chemistry II</i>	CRN# 57335	Prof. Jeremy Mason	TR 12:30-1:50 PM Face-to-Face
CHEM 1308-H05	<i>Principles of Chemistry II</i>	CRN# 60862	Prof. John Gorden	TR 2:00-3:20 PM Face-to-Face

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Note: Basic Calculus knowledge is preferred but not required.

Prerequisite: B- or better in CHEM 1307

Corequisite: CHEM 1108 (any section) 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.

FULFILLS 3 HOURS OF THE LIFE AND PHYSICAL SCIENCES CORE CURRICULUM REQUIREMENT.

CHEM 3306-H01	<i>Organic Chemistry II</i>	CRN# 25859	Prof. Anne Gorden	MWF 10:00-10:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: B- or better in CHEM 3305

Corequisite: CHEM 3106 (any section) 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. Ruibin Liang	TR 11:00 AM-12:20 PM Face-to-face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 4301-H01 SEMINAR	<i>Me and My Machines: Understanding Interactive Media</i>	CRN# 65521	Prof. Nick Bowman	MWF 11:00-11:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

In modern Latin, the term “media” is a reference to a middle sheath or membrane, used to separate two objects—in a very real sense, a barrier between an individual and a direct experience. Communication technologies have historically served as an intermediary between people and a broader experience with their cultural, economic, and social world. Modern media technologies, such as video games, virtual- and augmented-reality, and other machines allow unprecedented control over the form and content of what is viewed and experienced on-screen. Through their decisions, users can immerse nearly the full set of human senses in digital representations of reality. Our course will explore the motivations for and consequences of using interactive media and engage broader discussions of how we engage these simulacra.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CMI 4313-H04 SEMINAR	<i>Adventure Media (Application Required)</i>	CRN# 61512	Prof. Jerod Foster Prof. Justin Keene	See below for course schedule** Face-to-Face
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Note: Application is required. The deadline to apply is 11:59 PM on October 24th, 2021. For more information prior to application, contact Jerod.W.Foster@ttu.edu. To apply, [CLICK HERE](#).

Humankind desires it, literature and journalism document and create a sense of it, and multi-million dollar industries promote it: ADVENTURE! This unique course offers you creative, critical, practical, and strategic insight and experience in analyzing and producing media centered around the concept and popularized notion of adventure by placing you in the middle of it!

This course’s primary learning and application takes place across several Saturdays, over one full weekend, and during an intensive spring break outdoor lab while bikepacking and producing a short film in the Sacramento Mountains of Southern New Mexico, a land steeped in the history and culture of the west, is geologically and geographically unique, and prime for outdoor active travel and lifestyle.

You 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 15th (8:00 AM-2:00 PM) – Outdoor classroom experience, Lubbock
 January 29th (8:00 AM-2:00 PM) – Outdoor classroom experience, Lubbock
 February 19th (8:00 AM-2:00 PM) – Outdoor classroom experience, Southland, TX
 March 5th-6th (All weekend) – Overnight trip to Caprock Canyons State Park
 March 12th-19th (Spring break) – Sacramento Mountains Bikepacking, Ruidoso, NM
 March 26th (9:00 AM-12:00 PM) – Post-Production Lab Experience, Lubbock
 April 9th (9:00 AM-12:00 PM) – Post-Production Lab Experience, Lubbock
 April 30th (9:00 AM-12:00 PM) – Showcase, Lubbock

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

COMS 2358-H01	<i>Speaking for Business</i>	CRN# 55047	Prof. Rob Stewart	TR 9:30-10:50 AM Hybrid
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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.

FULFILLS 3 HOURS OF THE ORAL COMMUNICATION CORE CURRICULUM REQUIREMENT.

EC 3306-H01 CANCELED	<i>Understanding Child and Adolescent Behavior</i>	CRN# 63194	Prof. Mitzi Ziegner	MWF 1:00-1:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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. Rashid Al-Hmoud	MWF 9:00-9:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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.

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

ENGL 1302-H01	<i>Advanced College Rhetoric</i>	CRN# 65406	Prof. Callie Kostelich	MW 10:00-11:20 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: ENGL 1301

Focuses on writing from sources, research methods, and documentation.

FULFILLS 3 HOURS OF THE WRITTEN COMMUNICATION CORE CURRICULUM REQUIREMENT.

ENGL 2391-H01	<i>Introduction to Literary Studies</i>	CRN# 56675	Prof. Kurt Caswell	MWF 2:00-2:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: ENGL 1301 and ENGL 1302.

Bears are cool. In autumn in the Rocky Mountains, grizzly bears can subsist primarily on cutworm moths, little winged snacks for a big bear. A mother black bear will sometimes send her cubs up a tree while she goes out to search for food; such trees are called “babysitter trees.” Polar bears cubs are so small, writes Barry Lopez in *Arctic Dreams*, that “the female can hide one in the rolled toes of her front paw.” Bears are wanderers, too, traveling miles and miles, out of curiosity, and without tiring. And bears have long been regarded as kin to humans, some indigenous cultures even centering their ceremonial and religious life around bears (the Ainu of northern Japan, for example).

And so, because bears are cool, in this course we are going to learn to write by reading and writing about bears. We will explore how and why human beings both fear and love bears; they appear in our literature and movies most often as either ferocious “maneaters,” or innocent and cuddly friends. We’ll ask why some humans have wandered off to live with bears, instead of living with other humans. We’ll ask: what do we need from bears, and what do bears need from us? Through our inquiry, perhaps we’ll come to know ourselves better as an animal and come to know something of what we lost when we moved from nomadic and agrarian life, in which animals (wild and domestic) were part of everything we did, to urban life devoid and even hostile toward animals.

Ultimately, this is a course in argumentative writing, and so we will focus our efforts on mastery of the argumentative essay. We will learn and study the form, and we will practice writing the form. Repetition is the path to our goal. To this end, we’ll write our essays in response to four major literary genres—drama, poetry, nonfiction, and fiction. This course is reading and writing intensive.

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

ENGR 2331-H01	<i>Professional Communication for Engineers</i>	CRN# 65810	Prof. Sean Millerick	TR 3:30-4:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: ENGL 1302

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

FULFILLS 3 HOURS OF THE ORAL COMMUNICATION CORE CURRICULUM REQUIREMENT.

FCSE 4325-H01 <i>SEMINAR</i>	<i>U.S. Family Issues and Social Action</i>	CRN# 28354	Prof. Cynthia Miller	TR 8:00-9:20 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: 2.5 TTU GPA; C or better in ENGL 1302; junior or senior classification

U.S. Family Issues and Social Action course is a good fit with the Honors College pedagogy because students fully examine perennial or emerging family problems throughout the course with a critical science-based perspective as applied to public policy and the legislative process. The course pedagogy and processes lead students to develop a persuasive policy brief (final paper) empowering them to take action to resolve those problems. The critical science perspective uses a practical reasoning process that includes identifying and clarifying the context of the problem, examining valued ends, considering alternative means, comparing consequences, and taking action to promote positive qualities and actions. Each aspect of the reasoning process is applied throughout the course to facilitate learning. For example, students develop a gap analysis to examine and assess a perennial or emerging family problem. Through the gap analysis, they identify the differences between “what is” and “what should be” and how to close the gap between the two. Practical reasoning requires students to apply critical literacy skills to examine meanings, values, valued ends, and other information related to the perennial or emerging problem. Students then evaluate the personal context of the perennial or emerging problem so they can become more critically conscious of their internal factors to make necessary changes, utilize their strengths, and work to become more empowered. To fully understand the context of the issue or problem, students analyze and critique social trends, cultural influences economics, political systems, and other external factors that affect families, which allows students to see how society affects them and what they can do to impact society. Throughout the process, students engage in dialogue with others. As students begin to understand others based on their perspectives, these shared meanings along with research are used to propose and compare possible alternatives and outcomes for the issue or problem. Students are encouraged to ask questions such as, “What is one alternative that could change the situation, with what means, and what consequences?” Lastly, students create a plan of action through the final products of this course—the policy brief and presentation for the brief to community stakeholders. Feedback and suggestions from the stakeholders are used in developing potential next steps for action on this issue or problem.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

FIN 3320-H01	<i>Financial Management</i>	CRN# 61702	Prof. Drew Winters	MW 12:00-1:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisites: C or better in ACCT 2300, ECO 2302 or ECO 2305, and a minimum cumulative 2.75 Texas Tech GPA.

Prerequisite or corequisite: C or better in ACCT 2301 and MATH 2345.

To declare a FIN major, student must make a B or better. Survey course in finance introducing topics in corporate finance investments and financial institutions.

FREN 2390-H01	<i>French Culture</i>	CRN# 58918	Prof. Suzanne LaLonde	TR 11:00 AM-12:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

FULFILLS 3 HOURS OF THE LANGUAGE, PHILOSOPHY, AND CULTURE CORE CURRICULUM REQUIREMENT [and]

FULFILLS 3 HOURS OF THE MULTICULTURAL CORE CURRICULUM REQUIREMENT.

HDFS 2322-H01	<i>Partnering: The Development of Intimate Relationships</i>	CRN# 65465	Prof. Sylvia Niehuis	TR 11:00 AM-12:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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

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

HDFS 3306-H01 CANCELED	<i>Understanding Child and Adolescent Behavior</i>	CRN# 63193	Prof. Mitzi Ziegner	MWF 1:00-1:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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 United States to 1877</i>	CRN# 25904	Prof. Richard Verrone	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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!

FULFILLS 3 HOURS OF THE AMERICAN HISTORY CORE CURRICULUM REQUIREMENT.

HIST 2301-H01	<i>History of the United States Since 1877</i>	CRN# 25911	Prof. Randy McBee	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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.

FULFILLS 3 HOURS OF THE AMERICAN HISTORY CORE CURRICULUM REQUIREMENT.

HIST 4338-H01 <i>SEMINAR</i>	<i>History of "Small Wars"</i>	CRN# 62829	Prof. John Milam	TR 3:30-4:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: Junior classification 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 4360-H01 <i>SEMINAR</i>	<i>Germany Since 1945: A Divided Nation Confronts Its Past</i>	CRN# 60912	Prof. Richard Lutjens	TR 11:00 AM-12:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: Junior classification or consent of instructor

A comparative study of capitalism and communism in West and East Germany emphasizing problems of national unity and efforts to atone for Nazi crimes.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 1301-H01	<i>Hip Hop Therapy and Critical Musings</i>	CRN# 63624	Prof. Bryan Hotchkins	MW 1:00-2:20 PM Face-to-face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

The term Hip Hop is an inclusive universal word that describes how art, music, dance, literature, identity, style and politics intersect to explain the lived experiences of those who exist within the culture. In this course we broadly broach the history of Hip Hop from inception to present day, discuss political happenings that influenced artist's discographies and unpack our understandings of lyrical meanings. Furthermore, we will examine the application of Hip Hop as therapy, used as an instruction tool to understand how it can be applied to mitigate the racism, sexism and homophobia occurring on college campuses in America. Subsequently, students will create a piece of art or music inspired by Hip Hop that addresses current forms of oppression, violence, identity, and/or culture in order to express their connectedness to the artform.

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

HONS 1301-H02	<i>Labor, Class, and Capital: Introduction to the Philosophy of Marxism</i>	CRN# 65724	Prof. Volker Schmitz	MWF 4:00-4:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Thirty years after the demise of the Soviet Union, the term "Marxism" has once again entered the political vocabulary and is used to describe a wide variety of movements and ideas – some of which have very little to do with the social theory of Karl Marx. In this class, we study the writings of Marx and a few "Marxists" in order to get a better idea of what Marxism really means. From his views on the human condition and morality to his philosophy of history and economic theory, we will develop an understanding of the roots of Marxism in Enlightenment philosophy, its relationship with other traditions of thought, and its intellectual legacy.

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

HONS 1304-H02	<i>The Choreography of Human Interactions</i>	CRN# 50176	Prof. Tanya Calamoneri	MW 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

“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.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

HONS 1304-H03	<i>Mozart and the Age of Revolution</i>	CRN# 56641	Prof. Stacey Jocoy	TR 3:30-4:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

HONS 1304-H04	<i>The Music of the Beatles</i>	CRN# 63584	Prof. Mark Morton	TR 2:00-3:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

HONS 1304-H05	<i>Creative Processes</i>	CRN# 63792	Prof. Andy Wilkinson	M 2:00-4:50 PM Hybrid
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

HONS 1304-H06	<i>Musical Theatre in War Time</i>	CRN# 65540	Prof. Casey Joiner	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

“Musical Theatre in War Time” will examine the conception, composition, and performance of musical theatre pieces in times of war. Students will gauge how the impact of physical violence, political warfare, and crisis fallout affect the hearts and minds of an audience, as well as why writers felt compelled to tell their stories at such a turbulent time in their nation’s history. Students will also learn how musical expression can serve as a blueprint for the sociopolitical interplay between art and politics, and how that blueprint can show us the naked truth of war.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

HONS 3300-H01	<i>Individual Honors Research</i> <i>(Application Required)</i>	CRN# 40043	Prof. Kurt Caswell	
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Note: This section of HONS 3300 is for students 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, be in the final two semesters of their degree program and file an application for approval. Thesis courses are not offered during the summer terms. Honors students seeking an application will should contact Beth Scheckel at Beth.Scheckel@ttu.edu. The deadline to complete the application process is the first day of class each fall and spring semester. Students should begin the application process by mid-semester of the term preceding enrollment in the first thesis course. Students wanting to apply and enroll in HONS 3300-H01 for this Spring 2022 should contact Beth immediately to begin the application process.*

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 will graduate from the Honors College with the distinction of Highest Honors.

HONS 3301-H02 <i>SEMINAR</i>	<i>United States Supreme Court</i>	CRN# 58861	Prof. John Watts	TR 3:30-4:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

The United States Supreme Court plays a critical and increasingly controversial and public role in deciding many of the most divisive issues confronting society. This course will examine key features of The United States Supreme Court, including the Court’s subject matter jurisdiction, the Court’s role in the American political system, the selection and nomination process of Supreme Court Justices, how the Court chooses the cases it will hear, and how jurisprudential, political and personal factors influence the Justices’ decisions. This is a great course for any student that is thinking about attending law school or just wants a deeper understanding of the law, process and politics of the Court.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3301-H05 SEMINAR	<i>Human and Machine Interaction: Concepts of Artificial Intelligence in Video Games, Robotics and Arts</i>	CRN# 59188	Prof. Elize Bisanz	TR 2:00-3:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

From the first stone tools to locomotives to computational machines, humans have invested enormous resources to develop tools to survive and thrive for ages. Naturally, the tools and instruments we use express our needs and determine our lifestyles, habits, and social interaction. Today, technological advancement such as artificial intelligence has opened unprecedented opportunities for the ultimate tool, the human and machine interface. Still, it also has become an imminent tool that infiltrates every aspect of human existence.

The course examines examples of human and machine interaction in VIDEO GAMES, ROBOTICS, and PERFORMING ARTS. Combining methods from Sciences and Humanities and using real games as examples, we will study human and machine interaction cases to understand how AI systems affect us biologically, socially, and culturally.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3302-H01 SEMINAR	<i>Honors Seminar in Healthcare</i>	CRN# 49147	Prof. Lauren Sullivan	T 3:00-5:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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.

HONS 3302-H02 SEMINAR	<i>Epidemiology of Infectious Diseases: Impacts on Human Health, Wildlife, and Agriculture</i>	CRN# 58835	Prof. Allie Smith	MWF 11:00-11:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Note: HONS 3302-H02 (CRN# 58835) is cross-listed with HONS 4302-H03 (CRN# 55849) for Spring 2022. Students may only receive credit for either HONS 3302-H02 (Seminar; CRN# 58835) or HONS 4302-H03 (Summit; CRN# 55849).

HONS 3302: Epidemiology of Infectious Diseases has been approved to count as an elective credit for MBIO majors, pending final approval by a Biology advisor or representative. Students must contact their major's advisor or analyst to have HONS 3302: Epidemiology added to their Microbiology degree.

*Students enrolling in HONS 3302-H02 (Epidemiology, CRN# 58835) may receive MBIO elective credit as well as Honors Seminar credit. Students enrolling in HONS 4302-H03 (Epidemiology, CRN# 55849) will **only** receive Honors Summit credit.*

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.

HONS 3302-H03 SEMINAR	<i>Early Clinical Experience (Application Required)</i>	CRN# 58836	Prof. Lara Johnson	MW 1:00-1:50 PM W 2:00-4:50 PM Hybrid
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**Note: Application is required, and enrollment is limited to Honors College students. Eligible students must have junior standing by hours or be December 2022 or May/August/December 2023 graduates (as shown in DegreeWorks) 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. The deadline to apply is 11:59 PM on Sunday October 17th, 2021. To apply, [CLICK HERE](#).*

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 3302-H04 SEMINAR	<i>Patents, Innovation, and Science Policy</i>	CRN# 65542	Prof. Cameron Smith	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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 4300-H01	<i>Individual Honors Research</i>	CRN# 26158	Prof. Kurt Caswell
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Note: This section of HONS 4300 is for students completing an Honors Thesis, not for students involved in URS. Upon graded completion of HONS 3300 (H01 or H02), students will receive a permit for HONS 4300-H01. Contact Beth Scheckel with questions or concerns: Beth.Scheckel@ttu.edu.

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. This second semester of Honors thesis culminates with Thesis Day, a celebration in which each student gives a brief presentation about their project (*spring semester only*). Students who successfully complete an Honors thesis will graduate from the Honors College with the distinction of Highest Honors.

HONS 4302-H01 SUMMIT	<i>Bones, Botanicals, and Birds</i>	CRN# 54391	Prof. Susan Tomlinson	TR 2:00-3:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H02 SUMMIT	<i>Science Fiction and Science: Superheroes, Super Villains, AI, Time Travel, and Film in Science and Popular Culture</i>	CRN# 54392	Prof. John Carrell Prof. Rob Weiner	R 4:00-6:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 SUMMIT	<i>Epidemiology of Infectious Diseases: Impacts on Human Health, Wildlife, and Agriculture</i>	CRN# 55849	Prof. Allie Smith	MWF 11:00-11:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Note: HONS 3302-H02 (CRN# 58835) is cross-listed with HONS 4302-H03 (CRN# 55849) for Spring 2022. Students may only receive credit for either HONS 3302-H02 (Seminar; CRN# 58835) or HONS 4302-H03 (Summit; CRN# 55849).

HONS 3302: Epidemiology of Infectious Diseases has been approved to count as an elective credit for MBIO majors, pending final approval by a Biology advisor or representative. Students must contact their major's advisor or analyst to have HONS 3302: Epidemiology added to their Microbiology degree.

*Students enrolling in HONS 3302-H02 (Epidemiology, CRN# 58835) may receive MBIO elective credit as well as Honors Seminar credit. Students enrolling in HONS 4302-H03 (Epidemiology, CRN# 55849) will **only** receive Honors Summit credit.*

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 SUMMIT REQUIREMENT.

HONS 4302-H04 SUMMIT	<i>How to Keep a Naturalist's Notebook</i>	CRN# 54597	Prof. Susan Tomlinson	W 2:00-4:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 SUMMIT	<i>What America's Greatest Living Novelist Has to Say About the Coming Zombie Apocalypse</i>	CRN# 55612	Prof. Bryan Giemza	TR 9:30-10:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 SUMMIT	<i>Try Again. Fail Again. Fail Better.</i>	CRN# 59201	Prof. Costica Bradatan	TR 12:30-1:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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-H07 SUMMIT	<i>From the Jungle Book to Bollywood and Beyond: The History, Culture, and Politics of Modern India</i>	CRN# 62107	Prof. Joe Hodes	MWF 12:00-12:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H08 SUMMIT	<i>Icons of Popular Culture: The DC Universe</i>	CRN# 65468	Prof. Rob Weiner	M 5:00-7:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Ever since the publication in 1935 of New Fun Comics the company that would become known as DC was born. Characters like Batman, Superman, Wonder Woman, the Joker, Robin and so many other characters have become part of our popular consciousness and are 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 like film and television related to DC in addition to reading important comics that have shaped the DC universe. We will also look at the rivalry between Marvel and DC and how the history of the two companies often became a fierce battle for prominence. We will try to answer the question what do these stories tell us about ourselves? How does sequential art become a form of social history? **This course is reading intensive and contains mature content.**

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.

HONS 4302-H10 SUMMIT	<i>Try Again. Fail Again. Fail Better.</i>	CRN# TBA	Prof. Costica Bradatan	TR 2:00-3:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 5300-H01 SEMINAR	<i>Criminal Law (Application Required)</i>	CRN# 61621	Prof. Brian Shannon	TWR 9:00-9:50 AM Face-to-Face
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**Note: Application is required, and enrollment is limited to Honors College students. Eligible students must have senior standing by hours. This course is cross-listed with LAW 5310-002 (70053) and will be held in Room 105 of the Law School. Because Law School classes commence one week earlier than TTU classes, HONS 5400-H01 begins on January 11th, 2022. The deadline to apply is 11:59 PM on Sunday October 24th, 2021. To apply, [CLICK HERE](#).*

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.

This course is assessed on a Pass/Fail basis for undergraduate students. Students receiving a grade of B 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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 5400-H01 SEMINAR	<i>Constitutional Law (Application Required)</i>	CRN# 65519	Prof. Richard Rosen	TWRF 11:00-11:50 AM Face-to-Face
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**Note: Application is required, and enrollment is limited to Honors College students. Eligible students must have senior standing by hours. This course is cross-listed with LAW 5401-002 and will be held in Room 105 of the Law School. Because Law School classes commence one week earlier than TTU classes, HONS 5400-H01 begins on January 11th, 2022. The deadline to apply is 11:59 PM on Sunday October 24th, 2021. To apply, [CLICK HERE](#).*

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.

This course is assessed on a Pass/Fail basis for undergraduate students. Students receiving a grade of B 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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 5400-H02 SEMINAR	<i>Property Law (Application Required)</i>	CRN# 65520	Prof. Gerry Beyer	MTWR 1:00-1:50 PM Face-to-Face
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**Note: Application is required, and enrollment is limited to Honors College students. Eligible students must have senior standing by hours. This course is cross-listed with LAW 5403-001 and will be held in Room 106 of the Law School. Because Law School classes commence one week earlier than TTU classes, HONS 5400-H01 begins on January 11th, 2022. The deadline to apply is 11:59 PM on Sunday October 24th, 2021. To apply, [CLICK HERE](#).*

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.

This course is assessed on a Pass/Fail basis for undergraduate students. Students receiving a grade of B 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.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HUM 2301-H01	<i>Introduction to Global Humanities: From the Dawn of Civilization to the Age of Enlightenment</i>	CRN# 65370	Prof. Joe Hodes	TR 12:30-1:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Journalism professor Ted Gup posits that history "is a canvas upon which the paint never dries." Humanities scholarship is work on that canvas—work investigating what it is to be human in all its complexity, and typically involving critical arguments predicated on deep research into textual, visual, and material evidence. This course will introduce students to some of the great events and questions that humans across the globe have experienced and asked themselves. It will explore how civilization emerged and grew, and the cultures which gave meaning to the human experience.

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

IE 2324-H01	<i>Engineering Economic Analysis</i>	CRN# 54645	Prof. John Carrell	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: MATH 1451

Evaluation of economics of engineering proposals for cost and profitability.

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

ISQS 3344-H01	<i>Introduction to Production and Operations Management</i>	CRN# 65550	Prof. Lowell Lay	MW 11:00 AM-12:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: C or better in ISQS 2340; credit for MATH 2300 or MATH 2345; minimum 2.75 TTU GPA

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.

LAT 1502-H01	<i>A Beginning Course in Latin</i>	CRN# 62982	Prof. William Tortorelli	MWF 9:00-9:50 AM Hybrid
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: LAT 1501

TBA

MATH 1451-H01	<i>Calculus I with Applications</i>	CRN# 49573	Prof. Patricia Schovanec	MWF 11:00-12:15 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Note: A student will receive credit for either (not both) MATH 1351 or 1451.

Prerequisite: B- or better in MATH 1350 or MATH 1550; or B- or better in MATH 1321 and Code 5 on MPE; or B- or better in MATH 1321; or Code 7 on 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 AP AB Calculus and Code 5 on 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.

FULFILLS 4 HOURS OF THE MATHEMATICS CORE CURRICULUM REQUIREMENT.

MATH 1452-H01	<i>Calculus II with Applications</i>	CRN# 45955	Prof. Patricia Schovanec	MWF 1:00-2:15 PM Face-to-Face
MATH 1452-H02	<i>Calculus II with Applications</i>	CRN# 46038	Prof. Yancy Nunez	TR 9:30-11:20 AM Face-to-Face

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Note: A student will receive credit for either (not both) MATH 1352 or 1452.

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.

FULFILLS 4 HOURS OF THE MATHEMATICS CORE CURRICULUM REQUIREMENT.

MATH 2300-H01	<i>Statistical Methods</i>	CRN# 58454	Prof. Leif Ellingson	TR 2:00-3:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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 composite score of 23; or a grade of B- or better in MATH 0302; or a grade of B- or better in TSI 0302.*

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

FULFILLS 3 HOURS OF THE MATHEMATICS CORE CURRICULUM REQUIREMENT.

MATH 2360-H01	<i>Linear Algebra</i>	CRN# 26219	Prof. Giorgio Bornia	MWF 11:00-11:50 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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. Eugenio Aulisa	TR 12:30-2:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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. Davide Lauria	MWF 3:00-3:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

Prerequisite: 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. Lourdes Juan	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

Prerequisite: C 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. Allie Smith	MWF 9:00-9:50 AM Face-to-Face
MBIO 3401-H51	<i>No Credit Lab</i>	CRN# 52798	Prof. Allie Smith	TR 11:30 AM-1:20 PM Face-to-Face

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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

Prerequisite or Corequisite: CHEM 3305

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

MBIO 4303-H01	<i>Physiology of Bacteria</i>	CRN# 56021	Prof. Catherine Wakeman	TR 4:00-5:20 PM Face-to-face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: B- or better in MBIO 3401

Anatomy and physiology of the bacterial cell. A molecular approach.

MCOM 2330-H01	<i>Media Literacy</i>	CRN# 53090	Prof. Emma Bedor Hiland	TR 12:30-1:50 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Critiques and analyzes media, the audience, the mediated environment, media industry, digital media, and media professions, particularly advertising, electronic media, public relations, and journalism.

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

ME 3303-H03	<i>Solid Mechanics</i>	CRN# 65098	Prof. Jeffrey Hanson	MWF 2:00-2:50 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: ME 2301

Analysis of engineering components for determination of stresses, strains, deformations using classical mechanics approach.

MKT 3350-H01	<i>Introduction to Marketing</i>	CRN# 26239	Prof. Alejandra Marin Melo	MWF 9:00-9:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: C or better in MATH 1331 or MATH 1452 or MATH 1451; and C or better in ECO 2302 or ECO 2305 or AAEC 2305; minimum cumulative 2.75 Texas Tech GPA.

Marketing structures and agencies; motives and buying habits; types of middlemen, marketing institutions, and channels; current marketing practices; marketing of industrial and consumer goods.

MUHL 3303-001	<i>Musicologists' Creed: A Historical Contingency Role Playing Game</i>	CRN# 52280	Prof. Christopher Smith	MWF 11:00-11:50 AM Face-to-Face
MUHL 3303-H71	<i>Discussion*</i>	CRN# 59096	Prof. Christopher Smith	W 7:00-7:50 AM Face-to-Face

NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

*To receive Honors credit, Honors students must attend all Wednesday morning discussion sections (MUHL 3303-H71). In doing so, the writing requirement for the course is waived. Grade assessed on the basis of final presentations during "Staging Day".

Prerequisite: MUSI 1300, MUHL 2301, and MUHL 3302. The course's prerequisites have been waived for Honors students with music familiarity, but students must obtain instructor permission. For permission, e-mail Professor Smith at Christopher.smith@ttu.edu.

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

MUSI 1300-H01	<i>Creating the Critical Listener</i>	CRN# 60435	Prof. Heather Beltz	MWF 11:00-11:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT [and]

FULFILLS 3 HOURS OF THE MULTICULTURAL CORE CURRICULUM REQUIREMENT.

PFI 1305 -DH1	<i>Life, Love, and Money</i>	CRN# 63256	Prof. Sandra Huston	TR 9:30-10:50 AM Online
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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.

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

PFI 3301-H01 SEMINAR	<i>Introduction to Personal Finance</i>	CRN# 63689	Prof. Christopher Browning	TR 11:00 AM-12:20 PM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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.

PHIL 2320-H01	<i>Introduction to Ethics</i>	CRN# 57657	Prof. Jeremy Schwartz	TR 9:30-10:50 AM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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?)

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

PHIL 2340-H01	<i>Meaning and Value in the Arts</i>	CRN# 65090	Prof. Danny Nathan	TR 11:00 AM-12:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Art is a central part of almost everyone's life. But what makes something a work of art? And once we know we are confronting a work of art, how are we to handle the task of making sense of it?

Focusing on specific and often challenging works of art, this course will introduce students to critical thinking in and across the arts—including music, literature, theatre, architecture, and the visual arts—with an emphasis on issues that apply across these artistic disciplines. Focusing on twentieth and twenty-first century art and theory, this course will center on a few broad questions: What, if anything, sets art apart from other areas of human activity (craft, technology, and sport, for example)? Is there a right way and a wrong way to interpret artworks? And, how do the arts fit into or perhaps complicate our lives; is there a distinct value of art to human life?

Through such an examination, the course will foster a better understanding of the various art forms, of their unique connections and differences, and of the variety of critical approaches to interpreting and evaluating particular works of art.

FULFILLS 3 HOURS OF THE CREATIVE ARTS CORE CURRICULUM REQUIREMENT.

PHIL 3304-DH1 <i>SEMINAR</i>	<i>Existentialism and Phenomenology</i>	CRN# 65364	Prof. Howard Curzer	MWF 11:00-11:50 AM Online
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Consideration of the meaning of human existence through study of thinkers such as Nietzsche, Heidegger, Husserl, Merleau-Ponty, Sartre, and others.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

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

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: B- or better in MATH 1451

Calculus-based introductory physics covering mechanics, kinematics, energy, momentum, and thermodynamics.

FULFILLS 4 HOURS OF THE LIFE AND PHYSICAL SCIENCES CORE CURRICULUM REQUIREMENT.

PHYS 2401-H01	<i>Principles of Physics II</i>	CRN# 57189	TBA	TR 11:00 AM-12:20 PM Face-to-Face
PHYS 2401-H51	<i>No Credit Lab</i>	CRN# 57190	TBA	R 4:00-5:50 PM Face-to-Face

PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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

Calculus-based introductory physics covering electric and magnetic fields, electromagnetic waves, and optics.

FULFILLS 4 HOURS OF THE LIFE AND PHYSICAL SCIENCES CORE CURRICULUM REQUIREMENT.

PSY 3398-H01 <i>SEMINAR</i>	<i>Ethnic Minority Psychology</i>	CRN# 65696	Prof. Shin Ye Kim	TR 2:00-3:20 PM Face-to-Face
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NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

Prerequisite: B- or better in PSY 1300.

Focus is on the psychosocial aspects that impact the four predominant ethnic minority populations in the United States.

FULFILLS 3 HOURS OF THE MULTICULTURAL CORE CURRICULUM REQUIREMENT [and]

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

PSY 4328-H01 <i>SEMINAR</i>	<i>Neuroscience of Vision</i>	CRN# 57815	Prof. Miranda Scolari	TR 9:30-10:30 AM Face-to-Face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Covers how the human brain accomplishes vision from detection of very basic image features to face processing, visual attention, and consciousness.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

SPAN 2301-H01	<i>A Second Course in Spanish I</i>	CRN# 52137	TBA	TR 9:30-10:50 AM Face-to-face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

Prerequisite: B- or better in SPAN 1502, 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	TBA	TR 12:30-1:50 PM Face-to-face
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PERMIT REQUEST AND APPROVAL REQUIRED TO REGISTER

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. Dean Nolen	MW 12:30-1:50 PM Face-to-Face
THA 2301-H02 CANCELED	<i>Introduction to Acting</i>	CRN# 56679	Prof. Dean Nolen	TR 3:30-4:50 PM Face-to-Face

NO PERMIT REQUIRED TO REGISTER FOR HONORS COLLEGE STUDENTS

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

SPRING 2022 HONORS UPPER-LEVEL SEMINARS

ANSC 4001-H01	<i>Special Problems in ANSC: Ethics in Research (No Permit Required)</i>	CRN# 29100	Prof. Samuel Prien	W 6:00-8:50 PM Face-to-Face
CMI 4301-H01	<i>Me and My Machines: Understanding Interactive Media (No Permit Required)</i>	CRN# TBA	Prof. Nick Bowman	MWF 11:00-11:50 AM Face-to-Face
CMI 4313-H04	<i>Adventure Media (Application Required)</i>	CRN# 61512	Prof. Jerod Foster Prof. Justin Keene	See course description for schedule** Face-to-Face
FCSE 4325-H01	<i>U.S. Family Issues and Social Action (No Permit Required)</i>	CRN# 28354	Prof. Cynthia Miller	TR 8:00-9:20 AM Face-to-Face
HIST 4338-H01	<i>History of "Small Wars" (No Permit Required)</i>	CRN# 62829	Prof. John Milam	TR 3:30-4:50 PM Face-to-Face
HIST 4360-H01	<i>Germany Since 1945: A Divided Nation Confronts Its Past (No Permit Required)</i>	CRN# 60912	Prof. Richard Lutjens	TR 11:00 AM-12:20 PM Face-to-Face
HONS 3301-H06	<i>United States Supreme Court (No Permit Required)</i>	CRN# 50179	Prof. John Watts	TR 3:30-4:50 PM Face-to-Face
HONS 3301-H05	<i>Human and Machine Interaction: Concepts of Artificial Intelligence in Video Games, Robotics and Arts (No Permit Required)</i>	CRN# 59188	Prof. Elize Bisanz	TR 2:00-3:20 PM Face-to-Face
HONS 3302-H01	<i>Honors Seminar in Healthcare (No Permit Required)</i>	CRN# 49147	Prof. Lauren Sullivan	T 3:00-5:50 PM Face-to-Face
HONS 3302-H02	<i>Epidemiology of Infectious Diseases (Permit Request/Approval Required)</i>	CRN# 58835	Prof. Allie Smith	MWF 11:00-11:50 AM Face-to-Face
HONS 3302-H03	<i>Early Clinical Experience (Application Required)</i>	CRN# 58836	Prof. Laura Johnson	MW 1:00-1:50 PM W 2:00-4:50 PM Face-to-Face
HONS 3302-H04	<i>Patents, Innovation, and Science Policy (No Permit Required)</i>	CRN# 65542	Prof. Cameron Smith	TBA Face-to-Face
HONS 5300-H01	<i>Criminal Law (Application Required)</i>	CRN# TBA	Prof. Brian Shannon	TWR 9:00-9:50 AM Face-to-Face
HONS 5400-H01	<i>Constitutional Law (Application Required)</i>	CRN# TBA	Prof. Richard Rosen	TWRF 11:00-11:50 AM Face-to-Face
HONS 5400-H02	<i>Property Law (Application Required)</i>	CRN# TBA	Prof. Gerry Beyer	MTWR 1:00-1:50 PM Face-to-Face
PFI 3301-H01	<i>Introduction to Personal Finance (Permit Request/Approval Required)</i>	CRN# 63689	Prof. Christopher Browning	TR 11:00 AM-12:20 PM Face-to-Face
PHIL 3304-DH1	<i>Existentialism and Phenomenology (No Permit Required)</i>	CRN# 65364	Prof. Howard Curzer	MWF 11:00-11:50 AM Online
PSY 3398-H01	<i>Ethnic Minority Psychology</i>	CRN# 65696	Prof. Shin Ye Kim	TR 2:00-3:20 PM Face-to-Face
PSY 4328-H01	<i>Neuroscience of Vision (Permit Request/Approval Required)</i>	CRN# 57815	Prof. Miranda Scolari	TR 9:30-10:30 AM Face-to-Face

SPRING 2022 HONORS SUMMITS

(Permit Request and Approval Required for All Summits)

HONS 4302-H01	<i>Bones, Botanicals, and Birds</i>	CRN# 54391	Prof. Susan Tomlinson	TR 2:00-3:20 PM Face-to-Face
HONS 4302-H02	<i>Science Fiction and Science: Superheroes, Super Villains, AI, Time Travel, and Film in Science and Popular Culture</i>	CRN# 54392	Prof. John Carrell Prof. Rob Weiner	R 4:00-6:50 PM Face-to-Face
HONS 4302-H03	<i>Epidemiology of Infectious Diseases</i>	CRN# 55849	Prof. Allie Smith	MWF 11:00-11:50 AM Face-to-Face
HONS 4302-H04	<i>How to Keep a Naturalist's Notebook</i>	CRN# 54597	Prof. Susan Tomlinson	W 2:00-4:50 PM Face-to-Face
HONS 4302-H05	<i>What America's Greatest Living Novelist Has to Say About the Coming Zombie Apocalypse</i>	CRN# 55612	Prof. Bryan Giemza	TR 9:30-10:50 AM Face-to-Face
HONS 4302-H06	<i>Try Again. Fail Again. Fail Better.</i>	CRN# 59201	Prof. Costica Bradatan	TR 12:30-1:50 PM Face-to-Face
HONS 4302-H07	<i>From the Jungle Book to Bollywood and Beyond: The History, Culture, and Politics of Modern India</i>	CRN# 62107	Prof. Joe Hodes	MWF 12:00-12:50 PM Face-to-Face
HONS4302-H08	<i>Icons of Popular Culture: The DC Universe</i>	CRN# TBA	Prof. Rob Weiner	M 5:00-7:50 PM Face-to-Face
HONS 4302-H10	<i>Try Again. Fail Again. Fail Better.</i>	CRN# TBA	Prof. Costica Bradatan	TR 2:00-3:20 PM Face-to-Face