

Spring 2022 HON Seminars

Course #	Title	Instructor	GEP	GEP	Day/Time	Location	Credits	Notes
HON 202-001	Transgression & Transformation in Women's Literature	Auten	HUM-LIT		T/Th 11:45 AM-1:00 PM	QC 202	3	UHSP*
HON 202-002	Monstrosity, Madness, and Marginality	May	HUM-LIT		T/Th 11:45 AM-1:00 PM	WN 20	3	USP FIRST-YEAR
HON 202-003	Fiction and the Sciences	Mainland	HUM-LIT		M/W 10:15-11:30 AM	QC 201	3	USP FIRST-YEAR
HON 202-004	Power of Horror	Phillips	HUM-LIT		T/Th 1:30-2:45 PM	WN 5	3	UHSP
HON 293-001	Listening to Climate Change	Paige	IP	GK	M/W 11:45AM-1:00 PM	COX 200	3	UHP
HON 297-001	North American Borderlands	Bruno	IP	USD	M/W 10:15-11:30 AM	QC 202	3	UHSP
HON 297-002	Writing Illness	Hetrick	IP	USD	T/Th 11:45 AM-1:00 PM	WN 209	3	UHP
HON 300-001	Race, Membership, and Eugenics	Veale	USD		T/Th 11:45 AM-1:00 PM	CH 205	3	USP FIRST-YEAR
HON 310-001	The Creative Process in Science	Blanton	IP	USD	M 1:30-4:15 PM	QC 201	3	UHSP
HON 345-001	On the Human	Comstock	HUM-PHIL	IP	T/Th 10:15-11:30 AM	QC 202	3	UHSP
HON 347-001	Freedom and the Self	Hinton	HUM-PHIL	IP	T/Th 1:30-2:45 PM	CH 205	3	USP FIRST-YEAR
HON 355-001	Feelings of/from Technology: Analog Bodies in Digital Spaces	O'Leary	IP	GK	T/Th 1:30-2:45 PM	QC 201	3	USP FIRST-YEAR
HON 360-001	Music and Oppression	Turner	IP	GK	M/W 1:30-2:45 PM	QC 202	3	USP FIRST-YEAR
HON 367-001	Introduction to Interdisciplinary Biomedical Teamwork	Veale			W 6:00-6:50 PM	QC 202	1	UHSP**
HON 390-001	Music and the Celtic World	Arnold	IP or VPA	GK	T/Th 11:45AM-1:00 PM	QC 201	3	UHSP

HON 398-001	Eco-Entrepreneurship	Typhina			T/Th 3:00-4:15 PM	PT 208	3	UHSP
HON 398-002	American Foreign Policy in a World Transformed	Cassidy			T 6:00-7:50 PM	QC 201	2	UHSP
HON 398-003	New Fiction: Contemporary Issues in Literature	Johnson			W 6:00-8:15 PM	CH 205	1	UHSP
HON 398-004	Body, Breath, and Mind: Connecting Core Components	Brewer			Th 3:00-4:50 PM	QC 201	1 (8 wks)	UHSP
HON 398-005	Practicing Happiness	Bullock/ Self			W 10:40-11:30 AM	TPS 150	1	UHSP
HON 398-006	Nature is a Haunted House: American Ecopoetry	Krieg			M 6:00-7:50 PM	QC 201	1	UHSP
HON 398-007	Critical Disinformation	Borda/ Mentnech			W 9:35-11:25 AM	DH Hill 2113	1 (8 wks)	UHSP
HON 398-008	Women in the Workforce	Bullock			F 11:45 AM-12:35 PM	FOX 206	1	UHSP

*5 seats reserved for USP first-year students

**Departmental approval required; contact Carolyn Veale (cpveale@ncsu.edu)

The following courses do not have an HON prefix but they are functioning as and count as HON seminars:

Course #	Title	Instructor	GEP	GEP	Day/Time	Location	Credits	Notes
BIT 295-301/321	Biotechnology and Sustainability	Goller/ Sjogren			T/Th 10:15-11:30 AM	Hybrid/ JOR 6114	3	UHSP
HI 382-002H	History of Capitalism	Bassett	HUM-HI or IP	USD	T/Th 10:15-11:30 AM	DAB 330	3	UHSP
IS 250-001H	Globalizing North Carolina	Lewald	IP	USD	T/Th 3:00-4:15 PM	CAL G110	3	UHSP

HON 202-001: Transgression and Transformation in Women's Literature

GEP category: Humanities (Literature)

Day/Time: T/Th 11:45 AM - 1:00 PM

Location: 202 Quad Commons

Credits: 3 credit hours

Restrictions: UHSP students (5 seats reserved for USP first-year students who have not yet taken an HON seminar)

Instructor: Anne C. Auten, Assistant Director, University Honors Program

Anne received her degrees in English from NC State University, with a concentration in gender and sexuality in 19th-century British literature. Over the last thirteen years, she has taught a range of literature and first-year writing courses at Elon University and NC State University. At NC State, she has also designed courses for the First Year Inquiry and Summer START programs, as well as a French culture/study abroad course. Anne has mentored cohorts of graduate students in the First-Year Writing Program, and faculty members from all disciplinary backgrounds as a QEP Faculty Fellow. Her research interests include both literary criticism and composition pedagogy, and she has presented her work at national and international conferences. In 2015, she was the recipient of the College of Humanities and Social Sciences Outstanding Lecturer Award. Much to Anne's delight, her four-year-old son, Wyatt, loves books as much as she does.

Course description:

In this discussion-based seminar, students will explore a number of overlapping issues and concerns about women through a broad spectrum of texts by mainly British and American women authors of diverse ethnicities and backgrounds from the nineteenth century to the present. We will investigate how "modern" womanhood is shaped by cultural and societal influences through analyzing and interpreting archetypal patterns in women's literature; examining traditional notions of gender differences; and exploring the ways in which various women writers have rejected traditional narratives in favor of alternative stories based on other types of relationships, interests, and roles. Ultimately, we will consider the ways in which the literary work being studied exposes the values, problems, anxieties, and pleasures of the historical period that generates that particular literary work, and how those differ from--while at the same time often anticipate--the values of our own era. Major authors will include Charlotte Brontë, Jean Rhys, Charlotte Perkins Gilman, Toni Morrison, Maxine Hong Kingston, Jhumpa Lahiri, Margaret Atwood, and Roxane Gay. Additional readings will provide socio-historical, anthropological, or critical context to these primary texts, and our discussions will be further complemented by cinematic adaptations and other transformations of these texts in popular culture. This reading- and writing-intensive course will also incorporate opportunities for peer collaboration, interactive presentations, and a critical and creative project, all designed to hone our higher-order thinking skills.

HON 202-002: Monstrosity, Madness, and Marginality

GEP category: Humanities (Literature)

Day/Time: T/Th 11:45 AM - 1:00 PM

Location: 20 Winston Hall

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Dr. Leila May, Professor, English

Dr. May's principal area of interest is the nineteenth-century British novel and culture. She has published articles on eighteenth-, nineteenth- and twentieth-century British and American literature in a number of academic journals such as *ELH*, *Studies in English Literature*, *Philological Quarterly*, *Philosophy and Literature*, *Studies in Short Fiction*, and *Modern Language Review*, as well as a book entitled *Disorderly Sisters: Sibling Relations and Sororal Resistance in Nineteenth-Century Literature* that focuses on the pivotal role of the sister figure in nineteenth-century literary representations. She is the former Director of the English Department Honors Program, as well as a member of the Academy of Outstanding Teachers.

Course description:

What does it mean to label someone monstrous or mad? All cultures have some means of identifying those who transgress accepted boundaries and standards of established behavior. Looking at the ways in which these loosely related concepts are rendered in a given historical moment is a useful way of assessing the most strongly defended values of a particular culture and era. This course will examine how these categories of exclusion have been represented across a broad spectrum of British and American literary, anthropological, medical, sociological, and cinematic works of the last two centuries. In the process, students will develop their critical and interpretive skills as readers, and their analytical and rhetorical strategies as writers.

HON 202-003: Fiction and the Sciences

GEP category: Humanities (Literature)

Day/Time: M/W 10:15 - 11:30 AM

Location: 201 Quad Commons

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Dr. Catherine Mainland, Senior Lecturer, English

Catherine Mainland studied German in her native Scotland before moving to North Carolina in 2001. She received her MA and PhD in Germanic Languages and Literatures from UNC-Chapel Hill in 2006, writing her dissertation on works by Georg Hermann and Arthur Schnitzler and their intersections with Freud's study of hysteria. She then completed a second MA in English Literature at NCSU in 2008, focusing on the works of Henry James. She has taught a range of American and Western World Literature survey courses since 2010, both at NCSU and Campbell University. She also teaches graduate seminars in the MALS program at NCSU and serves on their Advisory Board. Since 2017, she has also been the English Department's Scheduling Officer, so it's a good thing she enjoys puzzles. Given her diverse background in literature, she considers herself a generalist and has published and presented on Nathaniel Hawthorne, Sophie von la Roche, Kate Chopin, Georg Hermann, Mary Shelley and ETA Hoffmann, literature pedagogy, and Scottish literature of the fourteenth century. In her spare time, Dr. Mainland writes fiction and reads in English, German, and Dutch. She also enjoys talking about literature with her local book club. If no-one else is available, she is happy to talk about literature to her cat, who enjoys this immensely.

Course description:

This course will examine critical points of convergence between the sciences and fiction. The class will consider a variety of approaches to fiction that will draw on discussions of topics ranging from the physical sciences to sociology. The aim will be to develop students' understanding of the symbiotic relationship between technological, social, and scientific change, and the necessary artistic process of imagining a changed world. Students will: write three short, informal assignments (10%), two short papers (15%), a paper abstract (5%), and a longer paper (20%); take a midterm (10%); and give two short class presentations (10%). Other graded components include Zoom participation (10%) and participation in discussion forums on Moodle (20%).

HON 202-004: The Power of Horror: Horror Fiction and Film

GEP category: Humanities (Literature)

Day/Time: T/Th 1:30 - 2:45 PM

Location: 5 Winston Hall

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Thomas Phillips, Lecturer, English

Having completed a multidisciplinary Ph.D. at Concordia University, Montreal, in 2007, I am currently active as an English lecturer, a fiction and theory writer, and a composer of minimalist, electro-acoustic music. I have had the great fortune of seeing these creative endeavors come to fruition in book publication and in numerous CD releases. However, literary scholarship (most recently on what I've called "critical horror") and pedagogy remain central to my artistic work insofar as they afford an invaluable theoretical foundation, not to mention an immensely pleasurable career.

Course description:

As applied to creative disciplines, the term horror has many connotations that reflect diverse aesthetic styles and ideologies over what is arguably a long span of time. Like other genres, horror is also deeply imprinted by the entertainment industry, particularly in the 20th and 21st centuries. This course will examine the genre through a variety of literary and cinematic texts (among others, including music and painting) with the aim of gaining insight into the central question of why we are drawn to horror as entertainment and cultural practice. Additionally, the course will explore five commonly overlapping aspects of the genre: the psychology of spectatorship, horror as cultural commentary, gender, religion, and the democratization of discursive and visual art forms. At the very minimum, then, students will be encouraged to consider the degree to which even a popular genre such as horror rewards, and is itself illuminated, by critical inquiry. We will engage with readings ranging from literary to theoretical texts on the aesthetics and psychology of horror as it relates to each medium. Most films will be viewed outside of class at a designated time and place or at the student's convenience, though we will watch clips in class. Evaluation will be based on class participation, one response essay, a longer research-based essay, a midterm, and a final exam.

HON 293-001: Listening to Climate Change

Course title: Listening to Climate Change

GEP categories: Interdisciplinary Perspectives & Global Knowledge

Day/Time: M/W 11:45 AM - 1:00 PM

Location: 200 Cox Hall

Credits: 3 credit hours

Restrictions: UHP students

Instructor: Dr. Kirsten Paige, Assistant Teaching Professor, Music

Dr. Kirsten Paige is an Assistant Teaching Professor of Musicology at NC State. Before coming to Raleigh, she spent three years as a Postdoctoral Fellow and Lecturer in Music in Stanford University's liberal arts program for first-year undergraduates ("Thinking Matters"). Paige received her Ph.D. in Music History from the University of California, Berkeley in 2018, and previously studied at the University of Cambridge (M.Phil. in Music, 2012) and University of Chicago (B.A. in Music History and Theory, 2011). From the ages of 13-18, she studied double bass at the Juilliard School of Music's Pre-College Division. Paige's work explores how forms of scientific (especially, environmental) knowledge reshaped musical practices and aural cultures in nineteenth- and twentieth-century Germany, with a special focus on global cultural and scientific exchanges. She maintains a strong interest in public musicology, particularly in how music and its institutions can offer decolonial, collaborative responses to the climate crisis and its inequalities. Paige's essays have appeared in journals including *The Cambridge Opera Journal*, *Opera Quarterly*, *The Journal of the American Musicological Society*, and *The Journal of the Royal Musical Association*. Her book, *Richard Wagner's Political Ecology*, is currently under contract with University of Chicago Press. Paige's work has been supported by grants and fellowships from the American Musicological Society, Royal Musical Association, British Library, and Berkeley's Doreen B. Townsend Center for the Humanities and Institute of International and Comparative Studies.

Course description:

Today, it seems that evidence of our changing climate is everywhere: wildfires ravage the Bay Area, Antarctica is as balmy as Los Angeles, and New Delhi has become so hot, it is becoming uninhabitable. But, climate change is not new, nor is public consciousness of it. As early as 1778, naturalists were already describing evidence of anthropogenic climate change that was so prevalent it became a subject of cultural fascination, especially for musicians and composers. For some artists, environmental reinvention by humanity was worth celebrating in music; for others, it was a catastrophe their music could presage. In the first part of this course, we will focus on examples of Western art music from ca. 1820 to today that reflect contemporary reactions to climate change. In the second part of the course, we will examine American, non-Western, and popular musics that explore local climate crisis, issues of climate justice, and possibilities for repair. A highly interactive course, we will engage these issues through interdisciplinary reading and writing, as well as more creative approaches, including singing Alpine melodies, taking soundwalks through campus, and creating our own soundscape compositions. No musical background is required for this course.

HON 297-001: North American Borderlands

GEP categories: Interdisciplinary Perspectives & U.S. Diversity

Day/Time: M/W 10:15 - 11:30 AM

Location: 202 Quad Commons

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Dean Bruno, Associate Teaching Professor & Assistant Department Head, History

Dean Bruno is the Assistant Department Head for Student Affairs in the History department and also directs the department's Honors Program. He earned MA degrees from NC State University, and his doctorate from Vanderbilt University. Prior to working in academia, he served as a senior administrator in higher education and also worked as an analyst for Ernst & Young. He has taught classes on the American West, US Environmental History, and Native American History at NC State University since 2013. He has also served as a Visiting Professor at Duke University. He has presented his work at various workshops and conferences, including the Newberry Library Consortium in American Indian Studies, Society for Historians of the Early American Republic, and the American Society for Ethnohistory. He received the History Department Teaching Award in 2015, and the College of Humanities and Social Sciences Outstanding Lecturer Award in 2018.

Course description:

While much North American history is focused on the creation and maintenance of nation-states, the history of borderlands and borders allows scholars to analyze the various ways that people crossed, shaped, and openly defied borders in pursuit of their own individual and group goals and objectives. This course examines the historical construction of borderlands from the pre-colonial period to the modern era. Major themes will include encounters, exchanges, cooperation, conflict, agency, and identity within the broader context of social, cultural, environmental, and economic power dynamics and differentials. In particular, this course will investigate how competition and control for land, natural resources, and trade goods transformed the physical places and cultural spaces of these regions and also the people who called them home. In this discussion-based seminar, we will interpret and analyze assigned readings on a weekly basis. Our journey into the past will also be informed by paintings, music, photographs, and objects of material culture. For assignments, students will demonstrate their mastery of the material via weekly in-class reading evaluations (short essays), and take-home midterm and final essays.

HON 297-002: Writing Illness

GEP categories: Interdisciplinary Perspectives & U.S. Diversity

Day/Time: T/Th 11:45 AM - 1:00 PM

Location: 209 Winston Hall

Credits: 3 credit hours

Restrictions: UHP students

Instructor: Dr. Kristen Hetrick, Prestigious Fellowships Advisor, University Fellowships Office

Kristen Hetrick completed her B.A. in German with a mathematics minor at Washington & Jefferson College before earning her M.A. in German Studies at the University of Cincinnati and Ph.D. in Germanic Languages & Literatures at Ohio State. Her dissertation focused on the depictions and usages of tuberculosis and cancer in North American and European literature, and her primary research area remains the medical humanities. Dr. Hetrick is the Prestigious Fellowships Advisor in the University Fellowships Office, where she assists students in applying for awards such as Fulbright grants, Boren scholarships, and NSF graduate funding. Dr. Hetrick herself was a Fulbright recipient to teach English in Germany, and prior to coming to NC State, she was Associate Professor of German, Director of the Honors Program, and National Fellowships Advisor at Doane University in Crete, Nebraska. A native of Pittsburgh, she enjoys international travel (in non-COVID times), hiking, and curling up with a good book.

Course description:

In this course, we will explore non-fictional, first-person narratives of illness from both the patient's and physician's perspectives, focusing in particular on cancer, HIV/AIDS, stroke, and schizophrenia. We will examine the themes common across the texts as well as those that are particular to a specific illness due to its origins, prognosis, available treatment options, or predominantly affected societal group(s), as well as its effects on the mind and body. We will also investigate how the historical time period of each impacted the author's unique lived experience and discuss in which ways that story may have played out differently—or not—in the present day. Given that any discussion of serious illness would be incomplete without a discussion of end-of-life care, we will also examine contemporary patient and practitioner perspectives regarding decision-making and care options, comparing them with previously prevailing ones. In order to enrich our understanding of these illnesses in the present day, we will have guest speakers who are involved in the treatment or support of those living through these diagnoses. Course requirements: Active Participation (15%), Homework Responses (25%), Contemporary Issues Paper & Presentation (20%), Final Paper & Presentation (40%).

HON 300-001: Race, Membership, and Eugenics

GEP category: U.S. Diversity

Day/Time: T/Th 11:45 AM - 1:00 PM

Location: 205 Clark Hall

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Carolyn Veale, Assistant Director, University Honors Program

Carolyn P. Veale is an Assistant Director of the University Honors Program. Her primary focus in the position has included recruitment, admissions, advising, and assessment. She has worked for NC State for the past nineteen years. Her positions have included Residence Director, Advisor for the College of Management, Assistant Coordinator for the Teaching Fellows Program, and Assistant Director of Student Services and Students Advocating for Youth for the College of Education. She has taught ECD 220 – College Student Development and Peer Counseling, ED 201 and 202 – Sophomore Teaching Fellows Forum, USC 110–Freshman Advancement Seminar, ED 150 Students Advocating for Youth Seminar, HON 398-On Being Ethical, and HON 398- Race, Intelligence and Eugenics. Carolyn has received a BA in Political Science and a BA in Public Relations from NC State University, a M.Ed. in Adult Education from NC State University, A.B.D Higher Education Administration from NC State University, and a Graduate Certificate in Counseling Education. Carolyn's areas of interest are racial identity development, social justice, and multicultural issues in educational and organizational settings. During her free time, Carolyn likes to spend time with family.

Course description:

The link between race and intelligence has been a subject of discussion and debate in academic research since the creation and distribution of intelligence quotient (IQ) testing in the early 20th century. There is no widely accepted formal definition of either race or intelligence in academia. Discussions connecting race and intelligence involve studies from multiple disciplines, including psychology, anthropology, biology, and sociology. Techniques have been employed to support and justify beliefs in racism, racial inferiority, and racial superiority. Human populations have been classified into physically discrete human races that supposedly separate the superior and inferior. Biological theories of race are linked to eugenics, and eugenics was a branch of the life sciences that drove much of American social policy in the early twentieth century. The Nazis gave eugenics its negative connotations, but the practice and the science that supports it has its historical roots in the United States and in particular for poor people and people of color in America and in particular the South (North Carolina). Over 8,000 sterilizations were approved by the Eugenics Board of North Carolina. This seminar examines the scientific and social trends that supported the movement to view the human race as fit and eliminate those that were classified as unfit (Race and Intelligence). This seminar will take a look at race and intelligence, scientific racism, and eugenics and its impact on American society and in particular the state of North Carolina.

HON 310-001: The Creative Process in Science

GEP categories: Interdisciplinary Perspectives & U.S. Diversity

Day/Time: M 1:30 - 4:15 PM

Location: 201 Quad Commons

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Richard L. Blanton, Professor, Plant Biology

Dr. Larry Blanton is Professor of Plant Biology and Director of Graduate Programs for the Department of Plant Biology. Dr. Blanton graduated Phi Beta Kappa with a B.S. in Botany with Highest Honors from the University of North Carolina (Chapel Hill), where he also earned his Ph.D. in Botany. He was a National Science Foundation Graduate Research Fellow, NSF Postdoctoral Fellow (University of Georgia-Athens), and NATO Postdoctoral Fellow (Culture Centre of Algae and Protozoa in Cambridge, England). At various times in his career, he was a visiting research scientist in the Department of Biochemistry, University of Cambridge; the Imperial Cancer Research Fund, London, England; the Wellcome Trust BioCenter of the University of Dundee, Scotland; and the Wood Research Institute, Kyoto University, Japan. Dr. Blanton's research interests center on the cellular slime mold *Dictyostelium discoideum*, specifically the biosynthesis of cellulose and the role of the extracellular matrix during development. At NC State, he has taught PB 414 (Cell Biology) several times and developed and teaches each semester HON 310 (The Creative Process in Science). Prior to joining NC State in 2003, Dr. Blanton spent 18 years on the faculty of the Department of Biological Sciences at Texas Tech University in Lubbock, Texas, where he directed a large grant-funded biological sciences education program. At Texas Tech, Dr. Blanton received the New Faculty Award, the Presidential Excellence in Teaching Award, and was twice the recipient of the student-initiated Mortar Board/Omicron Delta Kappa Outstanding Faculty Award. Prior to his departure from Texas Tech, alumni, students, faculty colleagues, and others established the Richard L. Blanton Endowed Scholarship in support of undergraduate research.

Course description:

Say “creativity” and most people think art, music, dance, or literature. What is creativity in the context of the sciences? How does it differ and how is it similar to creativity in other fields? In this course, we will develop an understanding of scientific creativity through readings in creativity research, the history of science, original scientific papers, and biography and memoirs. We will consider representations of scientific creativity in films and literature. We will explore the social context of creativity. We will examine how creativity can be fostered (or crushed) by institutions. There are multiple opportunities for students to customize the course towards their own areas of interest. Science, engineering, and mathematics students have found this course to help them see their discipline in a new light. Humanities, social science, education, design, and management students have found the course to make science topics approachable. All leave the course with an enhanced understanding of creativity in the world and in their own lives.

HON 345-001: On the Human

GEP categories: Humanities (Philosophy) & Interdisciplinary Perspectives

Day/Time: T/Th 10:15 - 11:30 AM

Location: 202 Quad Commons

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Gary Comstock, Professor, Philosophy and Religious Studies

Gary Comstock is professor of philosophy at NC State. His research concerns ethical questions in the biological sciences. Most recently, he co-edited *The Moral Rights of Animals* and wrote *Research Ethics: A Philosophical Guide to the Responsible Conduct of Research and Vexing Nature? On the Ethical Case Against Agricultural Biotechnology*. *Vexing Nature* was called a "watershed" in the discussion of genetically modified foods and a critic wrote that its nuanced treatment of the issue is "virtually unprecedented in applied philosophy." Comstock edited *Life Science Ethics, Religious Autobiographies, and Is There a Moral Obligation to Save the Family Farm?* and was named a Fellow at the National Humanities Center. He spends his free time listening to string quartets, dragging his walker at noon onto the basketball floor in Carmichael, and wondering what goes on in horses' heads.

Course description:

The goal of this course is to deepen our understanding of the human using philosophical and scientific modes of inquiry. We focus on human singularity: the properties, if any, that distinguish us from nonhuman animals and cyborgs. It's commonplace to think humans unique in a variety of ways. Only we have music, language, reason, free will, souls, religion, empathy, altruism, social cooperation, reciprocity, self-consciousness, ability to use tools, or lead autobiographical lives. But what are these things? What is a soul or free will? Or music or language for that matter? Do all humans have all of the properties listed? What is the status of those who lack one or another of them? And what about animals? Might some other mammals, or birds, or even fish— be self-conscious or act altruistically? And what about future machines? Might we one day engineer reason and emotion into an advanced artificial intelligence? Would that cyborg then be our moral equal? There are many opinions about the correct answers to these questions and we will evaluate them. We'll pay particular attention to the conclusions drawn from scientific experiments. Toward that end, we will review the results of an experiment at Duke University in which a computer is being used to read a monkey's brain and assist it in playing computer games, a robot that seems capable of training itself to pick up objects in much the same way as a human child learns to do so, and an orangutan who spontaneously and without training begins to whistle, a very un-orangutanian thing to do. What is human nature? Is there such a thing? How do we differ, if at all, from other animals and machines? What are the ethical implications, if any, of these differences? If technology allows us to change our nature, should we shape public policy to allow or disallow such changes? Should we be allowed one day to implant memory chips in our brains or upload our conscious states into a virtual Matrix where, presumably, we may live forever in a disembodied state?

HON 347-001: Freedom and the Self

GEP categories: Humanities (Philosophy) & Interdisciplinary Perspectives

Days/Time: T/Th 1:30 – 2:45 PM

Location: 205 Clark Hall

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Dr. Timothy Hinton, Professor, Philosophy and Religious Studies

Timothy Hinton holds graduate degrees in philosophy from Oxford University and MIT. He works in three areas of philosophy: ethics, political philosophy, and the philosophy of religion. He has published many articles and is the editor of *The Original Position*, published by Cambridge. Hinton has been a Member of the NC State Academy of Outstanding Teachers since 2008.

Course description:

This course explores the complex and interrelated concepts of freedom and the self. We focus on questions from political philosophy (like the question: “Is freedom just a matter of an absence of interference by the government?”), questions from social philosophy (like the question: “How is freedom related to individuality?”), and questions from metaphysics (like the question: “Do we have freedom of the will, or are all of our choices determined by the laws of nature?”). The class ends with an examination of some novels that, in various ways, take up our central themes. Our intention in doing so is to reflect on the way that imaginative novelists treat these themes. This will enable us to ask broader and more interesting questions about freedom and selfhood. This year’s novels will include: Margaret Atwood’s *The Handmaid’s Tale* and P. D. James’s *The Children of Men*.

HON 355-001: Feelings of/from Technology: Analog Bodies in Digital Spaces

GEP categories: Interdisciplinary Perspectives & Global Knowledge

Day/Time: T/Th 1:30 - 2:45 PM

Location: 201 Quad Commons

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Dr. Scott O'Leary, Director, Honors and Scholars Village

Dr. Scott O'Leary received his undergraduate degree in philosophy and history at Boston College and his M.A. and Ph.D from Fordham University in New York. Previously, he was Associate Professor of Philosophy and Honors Director at the University of Saint Mary (Kansas), and is currently director of the Honors and Scholars Village. Over the last 7 years, Dr. O'Leary has taught a variety of classes including interdisciplinary honors seminars in Food Ethics & Culture and Alternative Facts in the Information Age. Dr. O'Leary's work focuses on the role of emotion in moral and practical life drawing on insights from philosophy, neuroscience, psychology and evolutionary biology. His research interests center on human lived experience, in particular the way emotional experience frames consciousness and decision-making. This led to interest in the experience of food and food ethics as a point of intersection of identity, character, and passion. He was a finalist for the Spindel Emerging Scholar Prize for his work on empathy and emotional motivation, received a Templeton Foundation Cluster Grant for an international research group and has presented his work nationally and internationally in three languages.

Course description:

Not only do we live in a digital age, we live in a time where technology permeates and infuses everything we do and this has led to both optimism and concern. The existential challenges raised by the digital age raise many questions: What is technology and what is its purpose? Why has the increased prosperity technology provides been met with seemingly impoverished lives, loneliness, and alienation? How does technology mediate our sense of identity and the relations we have with society, nature, and ourselves? This course will explore the *phenomenology of technological life* - that is, the descriptive method aimed at looking at the relations between humans and our world, a technologically-mediated world. We will use this experiential and descriptive approach to consider the moral dimensions and psychological and political consequences of digital and emerging technologies, especially information technologies like the internet and social media. A central claim of this course is that we cannot understand ourselves, our world, and our historical situation without critically engaging technology.

HON 360-001: Music and Oppression

GEP categories: Interdisciplinary Perspectives & Global Knowledge

Day/Time: M/W 1:30 PM - 2:45 PM

Location: 202 Quad Commons

Credits: 3 credit hours

Restrictions: USP first-year students who have not yet taken an HON seminar

Instructor: Dr. Kristen Turner, Lecturer, Music

Dr. Kristen M. Turner teaches in the Music Department at NC State. She received her undergraduate degree in music performance (oboe) from UNC-Greensboro and holds graduate degrees in musicology from the Eastman School of Music and UNC-Chapel Hill. At NC State she teaches courses in western classical music, women and music, African American music, and American music. Her work centers on the intersection between music and identity in the United States during the nineteenth and twentieth centuries. Most of her research is devoted to popular entertainment and opera at the turn of the twentieth century and music during the American Civil Rights Movement. She has published articles on American operatic culture in the *Journal of the Society of American Music* and the *Journal of Musicological Research* and has essays in two forthcoming books: *The Cambridge Companion to Gershwin* and *Hidden Narratives of Women and Music*. She is currently working on a book manuscript about the use of opera as a symbol of race and class in vaudeville and musical comedies in the United States at the turn of the twentieth century. Her research has been supported by grants from the Society of American Music and the National Endowment for the Humanities.

Course description:

Music and Oppression will examine how people use music both as a tool of oppression and a method of resisting oppression. Course topics will include the use of western classical music by colonial powers; music and torture; music during World War II (including the use of music in concentration camps and as propaganda in Allied and Axis countries); music in Indian Boarding Schools; music in the American Civil Rights Movement; and hip hop as the music of oppressed populations in Europe and the United States. Reading assignments will come from a wide range of sources and disciplinary perspectives including scholarly articles, book chapters, and personal memoirs. We will listen to and discuss music from multiple genres including hip hop, pop, jazz, folk, and the western classical tradition. No previous musical experience as a performer is required to be successful in this class. We consider such questions as: How effective is music as a political tool? Why do people turn to music when resisting oppression? How do authoritarian governments create and use musical propaganda? Written assignments include short reading responses, a reading reflection essay, and a final project consisting of a 5-page essay and podcast on an example of music used in the context of enforcing or resisting oppression.

HON 367-001: Introduction to Interdisciplinary Biomedical Teamwork

GEP category: n/a

Day/Time: W 6:00 - 6:50 PM

Location: 201 Quad Commons

Credits: 1 credit hour

Restrictions: UHSP students (Departmental approval required)

Instructor: Carolyn Veale, Assistant Director, University Honors Program

Carolyn P. Veale is an Assistant Director of the University Honors Program. Her primary focus in the position has included recruitment, admissions, advising, and assessment. She has worked for NC State for the past nineteen years. Her positions have included Residence Director, Advisor for the College of Management, Assistant Coordinator for the Teaching Fellows Program, and Assistant Director of Student Services and Students Advocating for Youth for the College of Education. She has taught ECD 220 – College Student Development and Peer Counseling, ED 201 and 202 – Sophomore Teaching Fellows Forum, USC 110–Freshman Advancement Seminar, ED 150 Students Advocating for Youth Seminar, HON 398-On Being Ethical, and HON 398- Race, Intelligence and Eugenics. Carolyn has received a BA in Political Science and a BA in Public Relations from NC State University, a M.Ed. in Adult Education from NC State University, A.B.D Higher Education Administration from NC State University, and a Graduate Certificate in Counseling Education. Carolyn's areas of interest are racial identity development, social justice, and multicultural issues in educational and organizational settings. During her free time, Carolyn likes to spend time with family.

Course description:

Introduction to Interdisciplinary Biomedical Teamwork is a special weekly seminar that will introduce students to Team Science [teamwork] and Biomedical Research. Students will be introduced to the Comparative Medicine Institute [CMI] U-STAR program, faculty mentors involved with the program and cutting-edge research associated with the program. Seminar topics will include: CMI and interdisciplinary research on campus, instructional seminars on literature searching, scientific writing, research ethics and research overviews by U-STAR training faculty.

HON 390-001: Music and the Celtic World

GEP categories: Interdisciplinary Perspectives or Visual and Performing Arts & Global Knowledge

Days/Time: T/Th 11:45 AM - 1:00 PM

Location: 201 Quad Commons

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Alison Arnold, Lecturer/Teaching Assistant Professor, Music/Arts Studies

Dr. Alison Arnold is a Lecturer of Music and Assistant Teaching Professor of Arts Studies at North Carolina State University, where she teaches courses in world music, music of Asia, and cross-cultural arts. Prior to joining the NC State Music faculty, Dr. Arnold taught at The Colorado College, Penn State University at Abington, Drexel University, and the University of North Carolina at Chapel Hill. She completed her BA Honors degree in music at the University of Liverpool, England, and her Masters and Ph.D. in Musicology with a concentration in Ethnomusicology at the University of Illinois at Urbana-Champaign. She has carried out research, presented conference papers, and published articles on Indian film and popular music, Asian Indian music in the U.S., and Vietnamese Montagnard music in North Carolina. She was an invited keynote speaker at the Asian Popular Music International Workshop at the University of Heidelberg, Germany, in 2010. She edited the South Asia Volume of *The Garland Encyclopedia of World Music* (2000). Her online Music textbook, *What In The World Is Music?*, was co-written with colleague Dr. Jonathan Kramer and published by Routledge in 2015. She has served as Vice President and President of the Society for Ethnomusicology, Southeast and Caribbean Chapter (SEMSEC), and organized a joint regional conference together with the North Carolina Folklore Society at NC State University in 2005. Dr. Arnold is an active performing musician, playing locally and regionally in four Celtic music bands. Since 2005, she has run a traditional Irish Music Session at NC State, open to all students, faculty, and staff, as well as local community members and visiting musicians.

Course description:

This course will explore the diverse music of the Celtic world, ranging from the folk and popular traditions of Ireland and Scotland to the music of Wales, Brittany (France), Galicia (Spain), Cape Breton and Newfoundland (Canada), and the United States. The term "Celtic Music" today refers to a broad spectrum of music and musical styles, from the commercial and popular to the traditional and regional. Over the course of the semester we will investigate the origin and meanings of the term "Celtic music"; we will explore its diverse instrumental, vocal, and dance traditions, and its varied musical practices, occasions, and purposes; and we will study its significance as an "ethnic" and "world music." Through history, literature, poetry, spirituality, and mythology, we will examine the realities and fictions of the ancient and modern Celtic world. Through live and recorded music and dance performances both in and outside the classroom, we will consider the continuities of Celtic music across time and space, and will experience participatory Celtic music making.

HON 398-001: Eco-Entrepreneurship

GEP category: n/a

Days/Time: T/Th 3:00 - 4:15 PM

Location: 208 Patterson Hall

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Eli Typhina, Assistant Director of the Environmental Sciences Program, Forestry and Environmental Resources

Dr. Typhina specializes in the use of interdisciplinary behavior change theories to develop interventions that alter human behavior. Her work primarily resides within the environmental field, but she has also developed interventions addressing national security, parent-child relationships, and diversity, equity, and inclusion. Dr. Typhina has published in multiple journals and books, such as the *Journal of Applied Communication Research* and the book *Breaking boundaries: Innovative practices in communication and public participation*. She has worked for a diversity of organizations, ranging from a non-profit water protection group to the US National Park Service to an Irish wildlife park. Dr. Typhina has also run several start-ups, including a company that produced biodegradable light fixtures.

Course description:

In this hands-on course, students will engage in eco-entrepreneurship by using the Actor Diagramming and Tracing Method. Using the method, students will learn how to innovate by applying theories from marketing, psychology, computer science, environmental studies, and design. Besides using theory, students will also collect their own data and review literature to guide their conceptualization of an innovation. They will then develop their conceptualization into a prototype with an accompanying pitch. The pitch will describe the theoretical reasoning behind their product, their product's target market, start-up costs, and potential funding sources. Students will leave this course with eco-entrepreneurship skills, resume-worthy experience, and a pitch they can use to fund the development of their innovation.

HON 398-002: American Foreign Policy in a World Transformed

GEP category: n/a

Days/Time: T 6:00 - 7:50 PM

Location: 201 Quad Commons

Credits: 2 credit hours

Restrictions: UHSP students

Instructor: Sean M. Cassidy, Director, University Honors and Scholars Programs

Sean Cassidy received a B.A. in Government from Franklin and Marshall College. He received an M.A. in Political Science from Duke University where he studied American Politics, International Relations, and International Security. As the Director of the University Honors and Scholars Programs, Sean develops strategic initiatives that support the program missions, manages financial resources, advises UHSP students, and supervises a talented professional staff of 7 as they design and deliver academic, enrichment, and explorations programs for academically motivated students.

Course description:

The first decades of the 21st century have been marked by a series of disruptions that have transformed global politics and produced an American foreign policy that seems dysfunctional and divided to observers at home and abroad. The pandemic of 2020 is the most recent of these disruptions. It has revealed a world that is globalized, integrated, and dynamic. It has also revealed the vulnerabilities of this world. These vulnerabilities have increased the challenges facing U.S. policymakers. This course uses the Foreign Policy Association's Great Decisions to examine eight global issues and to debate whether the United States can generate the national consensus, commitment, and credibility to join the global community in addressing them. During the course of the semester we'll consider the following topics:

- Changing Demographics
- Outer Space
- Climate Change
- Russia
- Myanmar and ASEAN
- The Quad Alliance
- Drug Policy in Latin America
- Industrial Policy
- Biden's Agenda

HON 398-003: New Fiction: Contemporary Issues in Literature

GEP category: n/a

Day/Time: W 6:00 - 8:15 PM

Location: 205 Clark Hall

Credits: 1 credit hour

Restrictions: UHSP students

Instructor: Ken Johnson, Associate Director, University Scholars Program

Ken has a B.A. in English and Education, with minors in History and African American Studies, and an M.A. in English with a focus on creative writing. He loves pie (key lime pie, in particular) and once planned a trip cross-country with an itinerary largely based on the country's best pie shops. It is still one of his all-time favorite trips.

Course description:

In the past several years, writers like Colson Whitehead, NoViolet Bulawayo, Tommy Orange, Mohsin Hamid, and N.K. Jemisin have expanded the boundaries of literature, blurring genres and breaking down boundaries, interrogating issues like family, identity and race, culture, and masculinity. This course will explore many of these new works and how they use literature to hold up a mirror to society.

HON 398-004: Body, Breath, and Mind: Connecting Core Components

GEP category: n/a

Day/Time: Th 3:00 - 4:50 PM (first 8 weeks of the semester)

Location: 201 Quad Commons

Credits: 1 credit hour

Restrictions: UHSP students

Instructor: Chester K. Brewer, Assistant Director, University Scholars Program

Chester Brewer is an avid pursuer of adventures big and small. His work in the field of experiential education has taken him all over including a 14,000 mile, 9-week road trip around the continental U.S.. Chester's skills and educational background include a B.A. in Romance Languages, an M.Ed. in Outdoor Education, and wilderness first responder certification. His main goal is to help students of all backgrounds find simple ways to unplug from the screen and reconnect with their senses in the wider world.

Course description:

You are a mammal. Mammals use their lungs to breathe without even thinking about it. Mammals move their bodies with purpose and intention to get through the world. As a human mammal in the modern world, it can sometimes be challenging to remember how to move through the world with purpose and intention, or to breathe fully. With all the distractions that surround us, it is easy to forget how amazing our bodies and our breath are. This course will help you remember how to move your body with purpose and teach you how breath can activate and energize your day. No experience necessary.

HON 398-005: Practicing Happiness

GEP category: n/a

Day/Time: W 10:40 - 11:30 AM

Location: 150 Frank Thompson Hall

Credits: 1 credit hour

Restrictions: UHSP students

Instructors:

Marcy Bullock, Director-Professional Development, Career Development Center: I am an inventive leader and collaborator who provides transformative experiences to students. Forward-Thinking and Persistent. I devote my life to helping others figure out what to devote theirs to. I am an experienced leader/educator who empowers students to reach their potential with a commitment to diversity, equity, inclusion and belonging. I offer creative solutions resulting in career fulfillment. I lead teams and teach classes on career exploration, career readiness and professional development at NC State. I have published articles on career issues and have presented at national conferences. I received the Governor's Award for Excellence and the Outstanding Faculty Award from the alumni society. I encourage my audiences to reach their full professional potential by enthusiastically sharing what I have learned.

Mia Self, Assistant Director-Acting and Directing, University Theatre: I began my work in theatre by forcing the neighborhood children to act in the variety shows I dreamed up on the regular. In the second grade, I was cast as Juliette in what I am sure was one of the strangest versions of R&J ever conceived. My Romeo accused me of "bad acting" because, while he channeled Meryl Streep through his immobile seven year old body, I would stab myself with a rubber knife, collapse, then watch the rest of the play from the floor to see how it would all turn out. I've tried to make up for that ancient fault by directing more than fifty productions and teaching acting for the past seventeen years. Rule one: When you are dead, keep your eyes closed. I am the Assistant Director of Acting, Directing, and Academics with the University Theatre Program. I have an MFA from the University of Mississippi and a BA from Catawba College with an emphasis in performance and directing. I work primarily as a director, voice and text coach in addition to periodic jaunts into acting, writing and devising. I am also interested in the many ways theatre practitioners can creatively apply theatre skills to contemporary problems, explore and reframe the past, affirm identity and create meaning, and holistically educate people.

Course description:

This course will bring in various voices to explore strategies that define happiness. Students will complete the book *Authentic Happiness* by Martin Seligman and learn how to best leverage the research cited. The pandemic has magnified the importance of using happiness research to improve the quality of our lives. Students will learn a new vocabulary necessary to seek out happy experiences that align with their vision and goals. *The Four Tendencies* by Gretchin Rubin assessment will be completed to challenge students to reflect on professional and personal expectations and mental health challenges. After determining if they are an Upholder, Questioner, Obliger, or Rebel, they will use this information to shape aspects of their behavior. This framework allows students to make better decisions, meet deadlines, suffer less stress, and engage more effectively. Students in this course will develop new tools to increase their coping skills when life is challenging.

HON 398-006: “Nature is a Haunted House”: American Eco-poetry

GEP category: n/a

Day/Time: M 6:00 - 7:50 PM

Location: 201 Quad Commons

Credits: 1 credit hour

Restrictions: UHSP students

Instructor: Chelsea Krieg, English Lecturer & Creative Writing Academic Advisor, HSV Scholar-in-Residence

Chelsea Krieg is an English Lecturer, Creative Writing Academic Advisor, and Scholar-in-Residence for the Honors and Scholars Village. She received an undergraduate degree in English from the University of Mary Washington in Virginia and an MFA in poetry from NC State. Her teaching interests are in composition and creative writing, and she loves working with students at all levels of writing craft. Before beginning her career as an educator, she worked as a technical writer and journalist in the medical industry, a field in which she regularly freelances. Her poetry often examines personal connections to motherhood and caregiving, and engages interests in the environment and natural world. She is also a leader in the public science cluster at NC State and works closely with the Citizen Science campus initiative.

Course description:

In a letter to Thomas Wentworth Higginson, Emily Dickinson wrote, “Nature is a Haunted House — but Art — a House that tries to be haunted.” It is true that poets have grappled with and been haunted by nature across the centuries. From pastoral odes to anthropomorphic persona poems, poets celebrate and attempt to understand the often-mysterious natural world. In the 1960s, however, as the United States began to grapple with its own destructive behaviors and responsibilities toward the environment, the term “ecopoetry” emerged. Eco-poetry pushes the boundaries of traditional nature poetry. It directly engages with and responds to environmental crises, and it challenges our assumed dominion over the natural world. This poetry reveals the way poets continue to be “haunted” by what is happening to the natural world. This course will examine eco-poetry from the twentieth and twenty-first centuries as well as its roots in traditional nature poetry. We will examine the roles that poetry and the poet play in the country’s response to ongoing environmental disasters. Students will have opportunities to conduct close-readings, engage in literary discussions, and develop their own eco-poems.

HON 398-007: Critical Disinformation

GEP category: n/a

Day/Time: W 9:35 - 11:25 AM (first 8 weeks of the semester)

Location: 2113 D.H. Hill Library

Credits: 1 credit hour

Restrictions: UHSP students

Instructors: Tisha Mentnech and Kristy Borda, NC State Libraries

Tisha Mentnech joined NC State University Libraries in May 2019 as the Research Librarian for Life Sciences and Research Metrics. She has spent significant time in research and exploration of reproducibility, research and data ethics, and accessibility and considers transparency and data ethics to be critical areas of discourse in the profession. Tisha received a MSLIS from Simmons University in Boston, MA.

Kristy Borda is the Research Librarian for Sciences, Engineering, & Biotechnology at NC State University Libraries. She works with students, faculty, and researchers to teach information literacy skills for academia & beyond. Kristy received an MLIS from Kent State University, and a BS in Biology & Psychology from the College of William & Mary.

Course description:

Constant access to information has created an infodemic. The ability to fact-check information is increasingly important in light of recent global health crises, elections, and the growth of conspiracy theories. This course will focus on how science is affected by disinformation. We will cover strategies for identifying misleading information and engage in critical discussions about the stories we consume and share. Topics will include social media, news literacy, health information, research fraud, and the impacts of AI and bots on media. In-person classes will be discussion-heavy with a mix of individual and partner work outside of class.

HON 398-008: Women in the Workforce

GEP category: n/a

Day/Time: F 11:45 AM - 12:35 PM

Location: 206 Marye Anne Fox Science

Credits: 1 credit hour

Restrictions: UHSP students

Instructor: Marcy Bullock, Director-Professional Development, Career Development Center

Marcy Bullock has spent her life helping others decide what to do with their life and how to reach their career goals. She teaches Career Exploration and Professional Development. She advocates for all marginalized groups to be treated equally. She received the Governor's Award for Excellence based on 30 years of pushing career education into the curriculum. She offers creative solutions resulting in career fulfillment.

Course description:

This course will explore strategies that successful women have used to advance their careers. Women get paid less than men to do the same job. Learning to advocate for your worth is essential. Women face unique challenges related to integrating work and personal life into a formula that allows them to juggle all of the balls in the air without dropping any. Are you an Integrator, Separator, Cyclor, Work First or Personal First type? Students will complete a Work Life Integration Assessment and find out how to best utilize their type for a life of success. Working remotely has magnified the importance of understanding values and aligning actions accordingly at all stages of a professional career. Students will learn a new vocabulary necessary to seek out meaningful careers that align with their life's vision and career goals. This innovative tool challenges students to reflect on their professional and personal needs in tandem through exposure to common dilemmas at all stages of their careers.

BIT 295-301/321: [Biotechnology and Sustainability](#)

GEP category: n/a

Day/Time: T/Th 10:15 - 11:30 AM (hybrid)

Location: 6117/6114 Jordan Hall

Credits: 3 credit hours

Restrictions: UHSP students

Instructors: Dr. Carlos Goller, Associate Teaching Professor, Department of Biological Sciences: I currently teach in the Biotechnology Program and I am an Associate Teaching Professor in the Department of Biological Sciences in the College of Sciences. My research interests include molecular microbiology, metagenomics, epidemiology, history of diseases, science education, and open educational practices. I am also interested in teaching with technology and the scholarship of teaching and learning. I want to be a reflective teacher and curious scientist with the goal of learning with and from students and staff at NC State and beyond.

Dr. Carly Sjogren, Postdoctoral Teaching Scholar: Dr. Sjogren teaches courses in the Biotechnology Program (BIT) and develops new research courses in her field of specialty--plant stem cell genetics and genomics. She is also leading a research project in the scholarship of teaching and learning focused on how peer interactions and peer role models can positively impact growth mindset and science identity in undergraduate and graduate students. Dr. Sjogren received both her B.A. in Biology and her Ph.D in Genetics, Genomics and Bioinformatics in her hometown at the University of California, Riverside. After earning her PhD, another career pivot took her to North Carolina where she studied genetic mechanisms that maintain plant shoot stem cells in her research postdoc position at UNC Chapel Hill. It was at UNC and NC Central University where she began embracing active and inclusive learning strategies in the classroom, teaching Introductory Biology, and her unshakable drive to connect with students that has brought her to her current position in BIT.

Course description:

While technological advances have made it easier to communicate, collaborate, and work online, we face global challenges with the recycling of discarded electronics such as cell phones and computers. What happens to that old computer or cell phone? In this course, we will dive into the misconceptions, social justice issues, and technologies that will be critical in addressing this challenge. We will explore biotechnologies and genomic data to ask: can we harness the power of microbes around us to recycle electronic waste? BIT 295 will empower you to be curious, interact with experts from various disciplines, and use powerful online resources to explore potential solutions. Explore, learn, and share as we use realistic scenarios, cloud-based tools, and biotechnologies to think about life on our electronics after we discard them. This is a full-semester inquiry-based course with lectures using active learning and case-based education pedagogies. Guest lectures, workshops, and interactions with other students will help you navigate the resources available at NC State. The laboratory component will consist of a series of wet-lab and bioinformatics exercises using online cloud-based platforms to prepare you to design your own experiment to find sustainable solutions for electronic waste recycling. You can access the course website here: <https://biotech.ncsu.edu/spring-2022/bit-295-biotechnology-and-sustainability/>.

HI 382-002H: History of Capitalism in America

GEP categories: Humanities (History) or Interdisciplinary Perspectives and U.S. Diversity

Day/Time: T/Th 10:15 - 11:30 AM

Location: 330 Dabney Hall

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Ross Bassett, Professor, History; Director of the Benjamin Franklin Scholars

Ross Bassett is Professor of History and director of the Benjamin Franklin Scholars, a dual degree program in engineering and humanities/social sciences. Originally trained as an engineer, he worked at IBM for 8 years, before he left to pursue graduate studies in history. He earned a MA in history from Cornell and a PhD from Princeton and is the author of two books, *To The Digital Age*, a history of semiconductor technology, and *The Technological Indian*, a history of India's engagement with MIT over the last 130 years.

Course description:

Capitalism: what could be more natural? More American? More boring? Even though capitalism can seem to us like water for a fish (to paraphrase David Foster Wallace), over the last fifteen years a group of historians has made the study of capitalism one of the most exciting areas of inquiry in American history. What can we learn about American capitalism from an iPhone? Is an iPhone an example of the American entrepreneurial spirit freed from intrusive government? Why are iPhones made in China? In 1970 Nobel Laureate-to-be Milton Friedman argued that it was the duty of American businesses to maximize their profits. Is that how capitalism has always worked? What was the connection between capitalism and slavery? We'll look at these questions and many others in this seminar. We will use digital history to try to understand changes in the practice of capitalism around NC State. We will look at the various shapes capitalism has taken in the United States, and relate those to larger social, political, and economic factors. We will also look at how ideas about capitalism have changed over time. Assignments will include weekly reading responses and a research project.

IS 250-001H: Globalizing North Carolina

GEP categories: Interdisciplinary Perspectives and U.S. Diversity

Day/Time: T/Th 3:00 - 4:15 PM

Location: G110 Caldwell Hall

Credits: 3 credit hours

Restrictions: UHSP students

Instructor: Dr. Carol Ann Lewald, Teaching Assistant Professor, Sociology and Anthropology

Dr. Lewald conducted ethnographic research in Louisiana among a dwindling Jewish community, in Savelugu, Ghana on Dagomba traditional building practices, in inner-city St. Louis, MO on women's health issues, in the Dutch Green Heart region among displaced farmers, and in rural Chatham County, on contentious public planning debates. With a broad theoretical and methodological training in anthropology and the social sciences, Dr. Lewald's research draws together disciplinary principles from geography, history, cultural studies, architecture, and city and regional planning. In particular, her research emphasizes the intersection of everyday life, urbanization, and attachment to space, place, and landscapes. Research since 2005 examines the politics of land use planning debates by analyzing the impact of aesthetic values and ideals associated with rural landscapes on the public planning decision making process.

Course description:

Transnational flows and global forces over the past 60 years have transformed the once rural North Carolina with its prosperous tobacco, textile, furniture, and emerging military industries. North Carolina is now home to the 2nd largest banking center in the US and to two of the nation's top ten fastest growing urban areas as well as the largest research park in the nation, and the largest military base in the world. This course examines the consequences, often unforeseen, of these globalizing forces on specific communities in North Carolina.