SPRING 2016 HONORS COURSE DESCRIPTIONS

HON 151-001
UK Core Fulfilled: Inquiry in the Humanities
Honors in Humanities: Humanism a la Mode: Montaigne, Diderot, Monod
Dr. David Wilke
MWF 9:00-9:50 am
Central Residence Hall, Room 001

This course will canvass some of the torch-bearers of the secular learning tradition in both Early Modern & Contemporary France—three literary-intellectual titans whose writings describe a nearly 400-year arc extending from 1580 to 1971. The aim of the course is to illustrate “modern” French humanism as the Continental humanistic movement had already turned 200 years old when Montaigne took quill pen in hand to compose his *Essais*, the most famous of which was the *Apology for Raymond Sebond*, a classic of philosophical skepticism and declaration of independence for a republic of one. Montesquieu, meanwhile, was one of four famous *philosophes* of eighteenth-century France (the other three being Voltaire, Diderot, & Rousseau); his *Spirit of the Laws* would inform the Constitution written for & ratified by the new American republic. And, finally, the Nobel-prize winning biologist Monod argued, in his *Chance & Necessity*, for the supreme value of scientific knowledge in a secular world republic. This course will explore the question whether the respective visions of these Three Worthies describe outlooks sufficiently similar, whereby one may justifiably hoist the flag of Humanism over ’em all, or sufficiently different enough to regard at least one of them as an outlier.

*Required texts:*
Michel de Montaigne (trans. M.A. Screech), *Apology for Raymond Sebond*
Baron de Montesquieu (trans. Anne M. Cohler, Basia C. Miller, & Harold S. Stone), *The Spirit of the Laws*
An offprint of Chapter X of Jacques Monod (trans. Austryn Wainhouse), *Chance & Necessity*

*Recommended text:*
Denis Diderot (trans. John Hope Mason & Robert Wokler), *Political Writings*

HON 151-002
UK Core Fulfilled: Inquiry in the Humanities
Honors in Humanities: Witnessing World War II
Dr. Phil Harling
TR 9:30-10:45 am
Central Residence Hall, Room 001

This seminar will focus on recollections of the Second World War. An epic conflict that left at least 55 million people dead, World War II left an indelible impression on everyone who lived through it. World War II is also a focus for controversial memories – memories of the
Holocaust, of the routine aerial bombardment of civilians, of ruthless combat violence, and much else. Memories of World War II are often memories of survival, and the ethical dilemmas posed by the need to survive. Seminar readings and films will focus on memories of survival and its ethical complexities.

**HON 151-003**
UK Core Fulfilled: Inquiry in the Humanities  
*Honors in Humanities: Language, Rhetoric and Society in Classical Greece*  
Dr. David Olster  
TR 11:00 am – 12:30 pm  
Central Residence Hall, Room 001

This course employs classical literature to explore several issues of reading and writing that transcend the time period:  
1) How do texts convey knowledge?  
2) How do authors control texts in order to manipulate their audience?  
3) How do readers defend themselves against authorial control (and for that matter against all authoritarian control of knowledge)?  
If you are interested in these problems, and acquiring the reading and writing skills that allow you address these issues, then you might find this course useful. The course emphasizes strategies of reading and writing that are useful and applicable in every class that you take that requires you to read and write (which is everything in the humanities and social sciences). There are no tests, just texts, those you read and those created by you. If you seek some tools that will provide with a means of both writing A papers and undermining authority, then this class is for you.

**HON 151-004**
UK Core Fulfilled: Inquiry in the Humanities  
*Honors in Humanities: From Page to Screen to Video Game: Textual Adaptations*  
Dr. Kyra Hunting  
TR 2:00 – 3:15 pm  
Central Residence Hall, Room 001

The growth of film, television and video game texts as both artistic and cultural platforms have provided a wealth of opportunities for well known and iconic stories to be adapted and transformed to fit new technological, aesthetic and cultural contexts. This class will examine how two popular texts --Peter Pan (originated 1904) and Batman (originated 1939) -- have been transformed and adapted across a number of fictional stories and media platforms to understand the processes and significance of adaptation. This class will investigate how film, television, video games and interactive apps adapt these original sources in ways unique to the mediums. We will also analyze how texts are transformed over the decades in response to cultural and historical changes and how they are adapted for different audiences. Students will have the opportunity to explore different approaches to and theories of adaption, analyze diverse fictional adapted texts, and creatively engage with the possibilities of textual adaptation
**HON 152-001**

UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences

*Honors in Natural, Physical and Mathematical Sciences: Heart Disease – Science and Public Health Issues*

Dr. Brian DeLisle and Dr. Jon Satin

MWF 2:00 – 2:50 pm

Central Residence Hall, Room 001

The leading cause of death in Kentucky is heart disease, and the latest statistics identify greater than 60% of Kentuckians are at elevated risk for cardiovascular disease. There has been a dramatic increase in the care of patients and public awareness of health care costs with the implementation of the Affordable Care Act. To be better prepared to make informed decisions, we have an increased need to understand the history of cardiovascular medicine, the current scope of the cardiovascular health care problem, and the modern types of treatments (including risks and rewards). This course introduces students to the history, epidemiology, and social policy surrounding cardiovascular disease. Students will be exposed to a survey of core principles of heart and vascular function. We will then examine the modern status of scientific inquiry and how it impacts existing and emerging treatment methods. Each week we will explore selected topics ranging from American Heart Association advocacy efforts to cardiopulmonary resuscitation (CPR), visits to clinical facilities, and the use of stem cell therapies. The instructors will guide discussion to develop critical thinking and analytic skills.

**HON 152-002**

UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences

*Honors in Natural, Physical and Mathematical Sciences: You, Me, Myself, and I: Psychosocial Influences on Health*

Dr. Mitzi Schumacher

TR 9:30 am - 10:45 am

TBD

This interdisciplinary course focuses on how psycho- (individual thought and behavior) social (interactions with others) factors influence health and wellbeing. Psychosocial factors are broadly defined to include cognition, attributions, beliefs, personality, self-concept, social support, habits, behavior change, mindfulness, stress, and decision making. Likewise, health and well-being are broadly defined to include dementia, depression, coronary heart disease, rehabilitation after traumatic injuries, addiction, obesity, and mortality. Putting them together, examples of course topics include cognitive evidences of dementia, attributions causing depression, personality links to coronary events, beliefs promoting placebo effects, and behavioral change for smoking cessation. Concepts are introduced via charts with definitions and applications; quizzes are based on detecting the concepts in illustrative narratives. For those interested in pursuing careers in the health care professions it provides a basic understanding of the behavioral concepts that are included in professional school admissions tests as well as board certification tests.
**HON 152-003**  
UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences  
*Honors in Natural, Physical and Mathematical Sciences: Human Aging: The Ticking Biological Clock Within*  
Dr. Melinda Wilson  
TR 11:00 am – 12:15 pm  
Central Residence Hall II, Room 001

Is death inevitable? This question is one of the most ancient questions known to humans. Why do we age? Can we slow down the aging process? Why do some animals live for decades and others for hours? This course will help both science and non-science majors explore the basic mechanisms of human aging and the consequences of aging relative to human disease. We will also explore the effect of an aging population in the practice of medicine. Additionally students will learn to critically evaluate scientific data used in popular media. Class meetings will be a mixture of discussions of reading assignments and presentations. Students will be evaluated based on participation in class discussions, presentations and writing assignments.

**HON 152-004**  
UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences  
*Honors in Natural, Physical and Mathematical Sciences: Circadian Rhythms: Fitness in the Time Domain*  
Dr. Marilyn Duncan and Dr. Brian DeLisle  
TR 12:30 pm - 1:45 pm  
Central Residence Hall, Room 001

Are you a night owl or a morning lark? Did you know that your tendency to be one or the other is controlled by an internal biological clock and its response to light and other signals? Similar to nearly all living organisms, people have their own internal clocks that regulate their daily (circadian) rhythms. Circadian rhythms prepare us for everyday situations by anticipating the daily changes in our environment. For example, how effectively we exercise, study, sleep, and metabolize our food varies over 24 hours, with peaks and troughs occurring at specific times of day. Circadian rhythms are coordinated by a master clock in the brain and are also regulated by a multitude of clocks located in virtually all cells in the body! These discoveries have introduced a new dimension to our overall fitness level: TIME. How well synchronized are our body’s clocks, with each other and with the environment? What happens to our clocks when shift work or jet lag disrupts our daily schedules? The robustness of circadian rhythms is now recognized as important indicator of health, while attenuation of circadian rhythms contributes to disease. This course provides you with the fundamentals for understanding and interpreting physiological circadian rhythms, internal biological clocks, and how they relate to human health.

**HON 152-005**  
UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences
Honors in Natural, Physical and Mathematical Sciences: Sex and Society
Dr. Ok-Kyong Park-Sarge and Dr. Kevin Sarge
TR 2:00-3:15 pm
Central Residence Hall II, Room 003

Is it possible for a baby to have three parents? Should we continue developing powerful medical technologies that allow many infertile couples to conceive? Should there be regulation of who can become a parent? Should human cloning be banned altogether? These are the types of questions we will discuss in this course. You will be guided to learn and explore basic concepts and modern technological interventions for human reproduction and to exchange your thoughts about their impact on social, economic, and the ethical challenges. Among the hot topics we will discuss are contraception, in vitro fertilization, surrogacy, prenatal genetic diagnosis, and the creation and use of stem cells to treat human disease.

HON 152-006
UK Core Fulfilled: Inquiry in the Natural/Physical/Mathematical Sciences
Honors in Natural, Physical and Mathematical Sciences: Innovation, Are You the Next Steve Jobs?
Dr. Chuck May
TR 3:30 – 4:45 pm
Central Residence Hall II, Room 001

Using the Seven principles that Steve Jobs used we will study the impact of Innovation on the individual, innovator, and the Society at large. We will seek to answer what future innovations are possible, what impact they will have on our society by studying a couple of past innovations and how they changed the world. The course objective is to examine the impact of innovation on various cultures and to use that foundation to inquire as to how the innovation of the future might look and how its occurrence will impact the future society compared to the society of today. We will take a look at how innovation affected the 13th Century and how innovation sparked the Industrial Revolution. We will then take a look at how one of the most innovative people of our time, who changed the way we do the most basic of endeavors, communications and how that affects the present and how it may impact the future.

HON 251-001
UK Core Fulfilled: Inquiry in the Social Sciences
Honors in Social Sciences: Mother of All Inquiries: Making a Science of Intelligence
Dr. David Wilke
MWF 12:00-12:50 pm
Central Residence Hall, Room 001

Ever taken an IQ test? You will if you take this class. But if you take this class you’ll also acquire the tools to determine whether the test was worth the bother or, in other words, whether it measured (1) a trait possessed by you and, indeed, all other members of humankind, or (2) something or other attributed to you though hardly a trait shared with all other members of
humankind, or (3) nothing much at all—if anything. And you’ll have the assistance of two of the best in the business of the academic study of intelligence, Brits Ken Richardson & John Duncan, to equip you with the tools to make the determination in question. Indeed, Professors Richardson & Duncan are so far apart in their methods, methodologies, and conclusions about the subject of Intelligence that it might be fun (and, more to the point, intellectually enlightening) to bring the two of them together to have a genuinely academic debate. Will it happen? If it does, you the student will have played a part in making it happen as you are going to invite ’em to engage in a debate sometime in the near-future (not likely during the spring ’16 term) here at the University of Kentucky.

*Required texts:*
Alfred W. Munzert (revised Kim Munzert), *Test Your IQ, _th ed.*

*Recommended text:*
Hans Moravec, *Robot: Mere Machine to Transcendent Mind*

**HON 251-002**
UK Core Fulfilled: Inquiry in the Social Sciences  
*Honors in Social Sciences: Gendered Violence Through the Lens of Social Science*  
Kay Woods  
MWF 1:00-1:50 pm  
Central Residence Hall, Room 003

Because the scope of violence is so broad, this course introduces students to the spectrum of violence as addressed by Social Science disciplines. Violent acts perpetrated by individuals as well as political, social, and economic institutions are examined in the context of the physical events and circumstances surrounding them. Furthermore, because violence occurs within socially constructed race, ethic, sexual, and class specificities as well as historical contexts, this course explores how these forces shape the way our society responds to such violence, both domestically and globally. Options for resistance and positive actions available to victims as well as society at large will be critically evaluated for their usefulness in addressing violence in that culture. Additionally, aesthetics, cultural traditions, and human creativity are factored into the equation when identifying the causes and scope of this problem and in creating solutions for curtailing violent behavior. Information in this course includes local, state, national, and international contexts.

**HON 251-003**
UK Core Fulfilled: Inquiry in the Social Sciences  
*Honors in Social Sciences: The Enemy Within - Culture and Health Behavior*  
Dr. Jean Wiese  
TR 9:30 am – 10:45 am
This seminar will acquaint students with the major social, cultural, and behavioral phenomena that affect our reactions to variations in health. Students will move from a knowledge of basic human universal psychological processes to the social and cultural factors shaping our perceptions of health. With this conceptual foundation, the rest of the semester will be spent investigating its impact on effectiveness in the health arena. Two-student teams will select a condition/issue from a list of social/health issues immediate to our society, e.g., intimate partner violence, TB, obesity. They will then spend the rest of the semester researching/discussing their topic and designing a health behavior change poster, using social marketing theory and optimal communication techniques. Each team’s product will be discussed and appraised by the rest of the group. Assessment will focus on application and synthesis of concepts, with writing the focus of examinations and papers.

**HON 251-004**  
UK Core Fulfilled: Inquiry in the Social Sciences  
*Honors in Social Sciences: American Sports Scandals*  
Dr. Jamie Nicholson  
TR 11:00 am – 12:45 pm  
Central Residence Hall, Room 005  

The contemporary American sports landscape has been inundated by scandal. The list of American athletes who have been recently embroiled in controversy contains some of the most recognizable names in sports, including Tiger Woods, Lance Armstrong, Barry Bonds, and Tom Brady. What do these controversies tell us about American sports culture and about American society more broadly? In an era when sports are an increasingly significant part of American life, these are worthwhile questions and ones that we will explore in this course.

**HON 251-005**  
UK Core Fulfilled: Inquiry in the Social Sciences  
*Honors in Social Sciences: Syria and the Refugee Crisis: Whose Crisis?*  
Dr. Alissa Rossi  
MWF 8:00 8:50 am  
Central Residence Hall, Room 005  

This course examines the Syrian refugee crisis through a sociological lens. We will look less at the origins and history of the political situation in Syria, and more at the environmental, economic, political, and cultural implications of the refugee crisis. The course is built around two major projects (1) community service work strengthening existing ties between Kentucky Refugee Ministries and another local agency (i.e. Seedleaf, Broke Spoke, FCPS after-school programs and in-school youth groups) and (2) a semester-long research project delving deeply into one specific component of the challenges refugees face in trying to rebuild their lives including but not limited to fleeing the home country, refugee camp conditions, getting labeled
by UNHRC, resettlement, reuniting with family, gaining citizenship, etc. In-class time will be devoted to student-led discussion, guest speakers, and instructor-led discussion.

**HON 252-001**
UK Core Fulfilled: Inquiry in the Arts and Creativity

*Honors in Arts & Creativity: Graphic Narrative – Wonder Women and Girls Who Kick Ass*

Ms. Jeorg Sauer  
MWF 9:00 – 9:50 am  
Central Residence Hall, Room 003

This course looks to examine the roots of this in our culture as well as the comix industry. We will ask some of the following questions to guide us in our comic book adventures: Why now? Why are women more readily portrayed now and no longer dismissed as inferior characters? Where is Wonder Woman and is she even relevant? Who are some of the emerging artists and how are they changing the comix narrative? How do men portray women in comics? Is it the same? Can we tell the difference? These questions are just the beginning as we look at issues of body politics, controversies in character development and storyline, and an industry that has traditionally ignored a large population of women readers.

**HON 252-002**
UK Core Fulfilled: Inquiry in the Arts and Creativity

*Honors in Arts & Creativity: Numb3rs & $ci3nc3 in the Arts*

Ms. Kay Woods  
MWF 12:00 – 12:50 pm  
Central Residence Hall, Room 003

Dr. Alan Lightman, author of the cult novel *Einstein’s Dreams*, states, “Science and art are two different ways of being in the world. Science is about questions that have answers. Art is about questions that do not. It is the lack of answers and the sense of being haunted by them that gives art its power.” This course explores the power of the arts inspired by science and mathematics. While the genre of plays, musicals, and operas is substantial, the selections below provide an array of themes and debatable issues as fodder for interesting and insightful discussions. Paintings and artists’ renderings in these fields are no less limited. The selections for analysis and discussion should, likewise, provide informative, lively and entertaining discourse. However, it is not enough to merely observe, analyze, and pass judgment on others’ creative endeavors; one must try one’s hand at such creativity in order to fully appreciate the contributions of “artistic science and math” or “scientific and mathematical art” – whichever interpretation works best. The first half of the course will engage students in analyzing creative works by placing them in historical and social context and discussing the validity of the science and math incorporated into the work. The second half of the course will engage students in creating an original work of their own, culminating in an exhibit/performance of their efforts.

**HON 252-003**
Though Shakespeare designed his plays to be spoken and understood aloud, two of his longtime partners in the theater business also believed them valuable texts for private reading, so they published a collected edition several years after their friend's death. This course is founded on the notion that private reading of Shakespeare's plays (whether silent or—as would have been far more common in Shakespeare's day than in ours—aloud) and communal reading and speaking aloud (and thus listening)—are mutually illuminating and provide a way into a capacious understanding and appreciation of the interacting emotions and arguments of the characters, their ideas and doubts, their desires and needs, their griefs and joys. We will look at how different oral performances find different meanings in the same words (and works). We will use two plays, probably *King Lear* and *Twelfth Night*. We will read Shakespeare's words in class, tinkering with rhythm, stress, and silence, and we will watch video versions of our plays to get a sense of how other people think they should sound. We will *play*, as many mammals do in order to learn how to live. The aim of the course is not to produce actors for public consumption but to provide readers with a more vital connection to Shakespeare's words. (Grades will *not* be based on skill as actors but on enthusiasm and diligence in class participation and weekly exercises and on the writing and presentation of two longer projects.)

**HON 252-004**
UK Core Fulfilled: Inquiry in the Arts and Creativity
*Honors in Arts & Creativity: Monsters and Modernity – The Book*
Dr. Oliver Leaman
TR 9:30 am - 10:45 am
Central Residence Hall, Room 005

Some of the most significant currents in modern intellectual and cultural history are one type of monster or another. In her Frankenstein book Mary Shelley took as a major theme the idea of the scientist who creates a monster, she both revives for the Romantic period the traditional link between science and magic, and enters the debate on the difference between "creation" and "production" that was much debated among the natural scientists of her time. Frankenstein represents the integration of the broad issues of contemporary science and culture within the form of a popular fiction. This became a theme in the twentieth century, by related works like Bram Stoker's Dracula and its transformation in this century with a renewed interest in the vampire. Common to all these works is a fascination with the phenomenon of monstrosity, which provokes interesting questions about the place of the monster in contemporary visual culture.

**HON 252-005**
UK Core Fulfilled: Inquiry in the Arts and Creativity
This course is designed to help students develop and refine their digital storytelling skills with mobile technologies. With the advent of the iPhone and the iPad, citizens have discovered new ways of gathering stories, producing them, publishing them online, and measuring their impact. Students in “iStorytelling” will be required to have—or have access to use—an iPhone and to buy a $1.99 app called ReelDirector. They will shoot photos, record video and soundbites, edit their material, add music or voice-overs, then upload their multimedia story packages to YouTube, all through their iPhones. They will learn about other apps to improve their content gathering, photography and other storytelling skills. The course will meet twice a week, allowing time for instruction on storytelling techniques, for student progress reports and for guest speakers who are professionals using iPhones and iPads for storytelling in their careers. Students’ grades will be based on in-class Daily Workouts; an adventure blog that allows students to flex their storytelling skills as they explore interesting issues, people and settings; a portfolio of published (and unpublished) work; and a final paper that will constitute an iStorytelling Survival Guide. No iPad or iPhone is necessary for enrollment in this course.

HON 252-006
UK Core Fulfilled: Inquiry in the Arts and Creativity
Honors in Arts & Creativity: Creative Nonfiction - Science and Nature Writing for Young Readers
Dr. Harry LeVine
TR 12:30 pm - 1:45 pm
TBD

Communicating the wonder of life and our universe to children in an age-appropriate manner is an inspiring opportunity to influence future generations. Not surprisingly, doing this effectively requires special writing skills and a knack for explanation at just the right level for your audience. Whether you write for magazines, books, or other materials for educational or trade publishers, editors are looking for an engaging presentation. Narrative and stories that convey interesting outlooks and important information grab young readers and stimulate them to seek to learn more.

Writing for young readers is a highly interactive adventure in which exchange among writers is crucial to the quality of the final product. We will use the critique group peer process and etiquette to provide supportive suggestions in class to continually improve each student’s work-in-progress. Students will be guided through the writing process from conception, research, drafting, critiquing feedback and editing, through submission. Options for publication will be reviewed. Submitting to magazine and book publishers will be described and techniques suggested for writing competitive queries, proposals, and synopses to make your work stand out in the “bunny-eat-bunny” publishing world. Information about local, regional, and national
resources to help your writing will be provided. Bring ideas that you would like to develop to share with young readers.

The course is designed to link coursework in which you have learned college-level scientific facts and concepts with interpreting that information for non-specialists. This is a skill that will be valuable in any career you choose.

**UPPER LEVEL HONORS COURSES**

*These courses count toward completion of six credit hours of required upper-level Honors coursework.*

**HON 301-001**

*Proseminar: Experimental Design and Analysis in Biomedical Research*  
Dr. Francisco Andrade  
MWF 8:00-8:50 am  
Central Residence Hall, Room 001

This is a course for students interested in learning the principles of experimental design and data analysis that apply most commonly to biomedical research. All experimental studies rely on the combination thoughtful planning, careful execution, and appropriate data analysis and interpretation. This course will focus on the first and last steps, with a thorough discussion of the origin, uses and limitations of the scientific method. Students will learn to design and justify the experimental approach needed to test a particular scientific question. Then, they will discuss the intellectual and methodological limitations of particular experimental approaches. Finally, students will understand the basic principles and pitfalls of data presentation and analysis.

**HON 301-002**

*Proseminar: Coins and Culture in the Ancient Mediterranean*  
Dr. Paolo Visona  
MWF 1:00-1:50 pm  
Central Residence Hall, Room 005

Ancient coins were minted in different metals, have distinctive types and weights, and were used for a wide range of functions in a variety of contexts. As primary evidence, they provide essential information to archaeologists and historians about the economy and the culture of ancient polities. This seminar will familiarize students with the methodology of numismatics, a multi-disciplinary science that examines coins as historical documents as well as works of art. It will be focused on the coinage of Greeks, Carthaginians, Romans, and indigenous populations, who used coins as a medium for economic exchange, social and cultural interaction, and political competition in the Mediterranean.

**HON 301-003**
Proseminar: Genetic Engineering
Dr. Zhigang Wang
MWF 2:00-2:50 pm
Central Residence Hall, Room 003

We are now capable of altering the mammalian genome by genetic engineering. What is genetic engineering? How is it done? Why does it provoke debate in the media? In this course, basic concepts and techniques of genetic engineering are introduced. Its applications in biomedical research, medicine, and agriculture are discussed. Its impact on our society is explored. Regulatory and ethical aspects of genetic engineering are debated. An interdisciplinary approach is used to present extensive primary materials that include science, regulations, government policies, ethics, and laws. This course involves intensive class discussions and debates, as well as student presentations of original publications. Students are expected to learn (a) the basic science behind genetic engineering; (b) the process of formulating hypothesis and subsequent testing of hypothesis through research; (c) critical reading of literature; and (c) a skill to participate in fact-based and constructive debate on the role of genetic engineering in our society and its future.

HON 301-004
Proseminar: Frontiers in Integrative and Alternative Medicine
Dr. Lee Blonder
TR 9:30 – 10:45 am
Central Residence Hall, Room 003

This course will delve into topics at the forefront of integrative and alternative medicine. Students will explore the history and organization of fields such as “functional,” “integrative,” and “complementary and alternative” medicine, and examine the content and philosophies of these fields. Students will learn about alternative and integrative approaches to health, disease, and healing and explore topics such as personal genetic testing, the use of vitamin, mineral, and botanical supplementation in personalized medicine, and the influence of ancient healing traditions such as Traditional Chinese Medicine and Ayurveda on Western medicine. Students will read peer reviewed academic journals articles, book chapters, and writings in the lay press and on websites and blogs. They will also view selected films and videos. This course will give students a foundation in an integrative and alternative view of health and healing. They will gain the knowledge and skills to evaluate evidence in these fields and to think and write critically. This course is particularly appropriate for those interested in healthcare professions, the biological and social sciences, or a broad, liberal arts education.

HON 301-005
Proseminar: Developing Creativity through Modern Dance and Modern Art
Dr. Rayma Beal
TR 12:30-1:45 pm
Central Residence Hall, Room 003 and 005
Twyla Tharp, choreographer based in New York City believes that creativity is the “product of preparation and effort and is within the reach of everyone”. If you are willing to make it a habit, creativity can become part of your life. Howard Gardner, director of Project Zero at the Harvard Graduate School of Education has identified seven creators of the modern era that characterize seven of the “multiple intelligences”. Personal development of creativity will achieved through the lens of the multiple intelligences, modern dance, and modern art. A class trip to New York City to research and attend professional dance performances and museums of modern art is planned.

**HON 301-006**  
*Proseminar: Doctoring Undercover*  
Dr. Claire Clark  
TR 2:00-3:15 pm  
Central Residence Hall, Room 005

Students in this course will shed light on the "shadowing" experience, a common but ill-defined educational requirement for many graduate programs in the health professions. Our exploration has three stages. First, we’ll become acquainted with the academic literature—sociological, historical, and anthropological—about the culture and practice of western medicine. Second, each student in the class will receive a semester-long site placement where they will shadow a health practitioner and observe the institutional dynamics in which professionals work. Third, the class as a whole will draw on established social science research techniques and their fieldwork experiences to develop a collaborative curricular guide for other undergraduates who wish to shadow.

**SERVICE-LEARNING COURSES**  
For current second, third, and fourth-year Honors student, or for first-year students who are also enrolled in their required first-year Honors course in the Spring. These count toward Honors EXPERIENCE requirements ONLY.

**HON 399-001**  
*The $100 Solution*  
Dr. Sarah Kercsmar  
MWF 10:00 – 10:50 am  
Central Residence Hall, Room 001

What can you do with $100? Buy a new pair of jeans? Enjoy 2 nice dinners out with friends? Make a lasting difference in a community agency? This semester, the goals of this course will be two-fold. First, you will learn by doing – spending 15 hours in a local community agency (chosen from a list I provide). You will ultimately create a project that can make a difference in this agency – for $100 or less. Second, nonprofits typically serve a particular need or population. We will explore in depth these issues together. Much like a “choose your own adventure” book from childhood, you will play a big part in determining what we study and what your group’s project will be to create a lasting impact in your organization.
DEPARTMENTAL HONORS SECTIONS
These courses count toward Honors coursework requirements at any level for students.

**CHE 107-006**
*Honors General Chemistry II*
Dr. Lisa Blue
TR 3:30 – 4:45 pm
TBD

A continuation of CHE 105. A study of the principles and their application to the more important elements and their compounds. Not open to students have completed only CHE 104, but is open to students who have completed both CHE 104 and CHE 108.

**ENG 384-002/SPA 300-002/MCL 390-001**
*Honors Contemporary European Film and Literature*
MWF 10:00 – 10:50 am
Dr. Peter Kalliney and Dr. Susan Larson
MW – CB 247; F – BS 205

Since the fall of the Berlin Wall, in 1989, Europe has been a place of rapid change. The end of the Cold War, the reunification of Germany, the creation of the European Union and single currency zone, have led some to see Europe as a model of political reconciliation and cultural integration. On the other hand, the rise of xenophobia and exclusive nationalisms, various military conflicts (in the Balkans and more recently in Ukraine), the ongoing financial crisis, and the current migrant crisis have led others to wonder if European unity is more hopeful fantasy than living reality. This course on contemporary European film and literature will use cultural texts to introduce students to some of the major debates shaping Europe today: on migration, on reconciliation, on austerity and economic recovery, on local autonomy and political centralization. Assignments will include reading texts, examining films, contributing to class discussion, and writing short and longer papers. This class will be an honors course, and although it will be open to non-honors students, everyone should be aware that the course will be demanding as well as fun.

**HSM 241-002**
*Honors Health and Medical Care Delivery Systems*
Dr. Tyrone Borders
TR 9:30-10:45 am
Location TBD

This introductory course exposes students to the various components of the health care system and its history, current status, and proposed policy solutions. The course reviews how health
care organizations and providers, health insurance, health-related behaviors, and political forces influence the accessibility, quality, and costs of care. Students gain a view of contemporary health care debates in American society and exposures to international systems of care. Students successfully completing the course will be more informed citizens and will be better prepared to interact as providers or patients within the U.S. health care system. The Honors section differs by requiring students to critically evaluate selected scholarly articles on health care and population health, identify and interpret population health data, write health policy briefs, and engage in discussion and debate with colleagues during class.

**PGY 417-001**  
*Honors Genomics and Epigenetics*  
Dr. Timothy McClintock  
TR 3:00 – 5:00 pm  
TBD

This advanced cell and molecular biology course emphasizes analysis of “big data” from gene expression and gene regulation experiments - microarrays, RNA-seq and ChIP-seq – as well as methods to find emergent patterns (e.g., co-regulated genes and interacting proteins) in these data. Computer lab exercises allow students to perform analyses of real experimental data while simultaneously learning underlying concepts. Experimental design and other basic statistical concepts are taught so that students experience the interplay between ideas and experimentation that drives science forward.

**PLS 103-004**  
*UK Core Fulfilled: Global Dynamics*  
*Honors Plants, Soils, and People: A Global Perspective*  
Dr. David Williams  
MWF 12:00-12:50 pm  
Location TBD

Only a few things are essential to life, and food is one of them. What people eat is about what they need to be healthy, what they want to eat (personal preference and culture), and what they have available or can afford to eat. Agriculture plays a vital role in human food security. Many experts feel the world is facing a food supply crisis. Knowledge and application of the principles of plant and soil sciences will have a dramatic effect on human food security, now and into the future, both locally and globally. However, these issues will also be impacted by future human population growth, urbanization, consumer preferences, human decisions regarding civic duties, and climate change. In this honors section students will read beyond the textbook to develop their understanding of the historical and current world food situation. Students successfully completing this course should leave with an understanding of the need to sustainably expand the world’s food supply, the basic principles of plant and soil science and their application to this problem, and their own potential role in determining our ability to meet this challenge.
TA 370-001
UK Core Fulfilled: Intellectual Inquiry in Arts and Creativity
Honors Staging History
Dr. Herman Farrell III
TR 11:00 am – 12:15 pm
FA 106

A one-semester course dedicated to the research, development and creation of a “DocuDrama” or Documentary Play based on a local, regional, national or international historic event, era or site. Reading history plays and texts from antiquity to the present day from a variety of cultures and nations, examining story-gathering techniques from recent contemporary docudramas and oral history projects and applying those techniques in the creation of a docudrama will give students a chance to actively engage in the creative and collaborative process of staging history.