

OSU 2022 SPRING SEMESTER HONORS COURSES 10/22/2021 Draft 1

Sorted Alphabetically

Check back frequently; there are more courses in the pipeline.

[Underlined courses may be used as part of the General Honors Award honors seminar/interdisciplinary honors course requirement. All HONR 1000 are Seminar Courses]

[Italic Courses are Honors Add-ons and MUST be taken with the associated regular course.]

You'll notice that some courses have an ! next to the general education code (e.g. [H!]). This means that this course is currently under review by the general education curriculum committee and we hope – and I stress hope - that they will be approved before you register. We need to be clear that there is no guarantee that this will necessarily happen. We will keep you updated on the fate of all those courses that have the!

AGEC	2990	23198		<i>Deep Issues of Agricultural Economics: Honors</i>	<i>Social Sciences</i>	<i>Elizabeth Norwood</i>	<i>R 1500-1550</i>	<i>Deeper Analysis of AGECE Issues: Honors - Discussion of selected agricultural and rural issues related to agricultural family finances, agribusiness planning, consumer behavior, agribusiness start-ups, current agricultural news topics, and history of economic thought.</i>	<i>This is an Honors Add-on Course you MUST also take</i>
ANSI	4900	20030		<i>Principles of Nutrition: (Hon)</i>	<i>STEM</i>	<i>Scott Carter</i>	<i>F 1530-1620</i>	<i>Honors Add-on to Principles of Animal Nutrition</i>	<i>This is an Honors Add-on Course you MUST also take ANSI 3543</i>
ANSI	4900	23826		<i>Retail and Food Service Meat Value: Honors</i>	<i>STEM</i>	<i>Gretchen Mafi</i>	<i>T 1530-1620</i>	<i>Retail / Food Service Meat Value: Honors - Students will evaluate meat cuts of different value offered in grocery stores and restaurants. Quality and yield traits will be calculated and value determined. Products will range from high quality USDA Prime Beef to low value chicken/pork hot dogs. Students will gain an understanding of</i>	<i>This is an Honors Add-on Course you MUST also take ANSI 2233 ANSI 2253</i>

								<p><i>meat processing and how meat is valued because of different ingredients, fat levels, raw product sources, and cooking methods. Product prices, cooking methods and cooking loss, edible portions percentages, and values will be determined of all products. Students will summarize findings and at conclusion of course better understand retail and food service meat prices and values depending on initial product sources.</i></p>	
<i>ANSI</i>	<i>4900</i>	<i>24302</i>		<i>The Role of Assisted Reproductive Technologies (ART) in Animal Agriculture: Honors</i>	<i>STEM</i>	<i>Daniel Stein</i>	<i>F 1230-1320</i>	<p><i>Various Assisted Reproductive Technologies have been developed to obtain a large number of offspring from genetically superior animals or obtain offspring from infertile animals to increase herd quality in a shorter period of time than traditional breeding methods. These technologies include artificial insemination, embryo transfer, embryo splitting, cryopreservation/vitrification (freezing) of embryos, oocytes, and semen, in vitro fertilization (IVF), intracytoplasmic sperm injection (ICSI), sexed semen, determination of the sex of embryos, and somatic cell nuclear transfer (cloning) and the ability to engineer transgenic animals. The creation of transgenic livestock is one of the most groundbreaking, yet controversial technologies emerging in agriculture today. The currently available and emerging Assisted Reproductive Technologies will offer opportunities for improvements in genetic selection and will be crucial in meeting the global challenges facing animal agriculture created by the</i></p>	<i>This is an Honors Add-on Course you MUST also take ANSI 3444</i>

								<p><i>anticipated increase in the world population by 2050 requiring an estimated 50% increase in food production. Advocates of some of these Assisted Reproductive Technologies will likely face opposition by the general public who lack understanding and acceptance of these reproductive tools for increased animal production and performance. This Honors add-on section will explore the science behind, and the different perspectives of the available and emerging Assisted Reproductive Technologies in animal agriculture.</i></p>	
ANSI	4900	25377		<i>You and Your Genome: Honors</i>	STEM	Darren Hagen	F 1330-1420	<p><i>Students enrolled in this class will analyze either their own or an instructor-provided DNA sample for ancestry composition, countries of ancestry, maternal and paternal features and Neanderthal/Denisovan features etc. Students would analyze a provided random DNA profile for disease risks and traits. Students are welcome to analyze their own profiles on the own and the instructor would help them. Students would also conduct a DNA fingerprint analysis of their own DNA from start to finish in the DeSilva laboratory as part of the course. DNA profiles would be generated by the company 23 and me. Students would incur a cost of \$99.00 if they want their own DNA profile generated, no cost if they want to analyze a random sample. Additional data analysis costs of about \$20 is anticipated.</i></p>	<i>This is an Honors Add-on Course you MUST also take ANSI 3423</i>

<i>ARCH</i>	<i>2890</i>	<i>28070</i>		<i>Honors for Topics in Architecture</i>	<i>Humanities</i>	<i>Michael Rabens</i>	<i>T</i> <i>1500-1615</i>	<i>Add-on for ARCH 2283 History and Theory of Architecture II (H)</i>	<i>This is an Honors Add-on Course you MUST also take ARCH 2283 27970</i>
BIOC	1990	24577		Freshman Research in Biochemistry: Honors	STEM	Patricia Canaan	T 1500-1640	Seminar for Biochemistry majors only	
<i>BIOL</i>	<i>2890</i>	<i>24579</i>		<i>Using Nutritional Ecology to Link Physiology, Behavior, & Ecology: Honors</i>	<i>STEM</i>	<i>Shawn Wilder</i>	<i>W</i> <i>0930-1020</i>	<i>The goal of this course is to provide an overview of the topics studied in nutritional ecology and their relevance to different fields of biology. The field of nutritional ecology was developed to aid in understanding the complex interactions between macronutrients in animal diets and their consequences for health and fitness. This work integrates several fields of biology including: physiology (What are the biochemical pathways through which nutrients affect animals?), behavior (How do animals choose among foods to regulate their diet?), and ecology (What are the consequences of diet for populations, communities and ecosystems?).</i>	<i>This is an Honors Add-on Course you MUST also take BIOL 1114</i>
<i>BIOL</i>	<i>2890</i>	<i>28771</i>		<i>Using DNA Barcoding to Characterize Zooplankton Communities: Honors</i>	<i>STEM</i>	<i>Guinevere Wogan</i>	<i>R</i> <i>1030-1220</i>	<i>DNA barcoding has emerged as a powerful approach for determining which species are present in a specific environment or sample. DNA Barcoding uses very short genetic sequences from a standard part of the genome to identify organisms (even whole communities) from tiny DNA samples instead of requiring whole organisms and using more variable morphological features like shape, size and color. Students will use recently published DNA barcodes for freshwater zooplankton to determine the species of freshwater zooplankton</i>	<i>This is an Honors Add-on Course you MUST also take BIOL 1604 ANY BIOL 1114 ANY</i>

								<i>present in water samples from a new research project conducted by OSU faculty. Students will obtain hands-on experience with PCR amplification of DNA, DNA sequencing technology, and analysis of DNA barcoding information.</i>	
<i>BIOL</i>	<i>3890</i>	<i>24535</i>		<i>Physiology: Honors</i>	<i>STEM</i>	<i>Will Wiggins</i>	<i>M 1630- 1720</i>	<i>Controversies in Physiology - We will use a seminar format to explore areas of controversy within physiology and physiology-related sciences. Selected topics will be in-depth explorations of material that is (usually) briefly touched upon in class, giving you the opportunity to advance your understanding of physiology beyond what we have time to consider in the main course. As the seminar title indicates, our topics will be those for which there is some controversy, e.g., because the science is emerging or very complex, because ethical questions arise as a result of the science, and/or because segments of society have difficulty accepting the science. Course meetings will be a combination of professor-led and student-led discussions over topics for which the materials have been given to everyone for review ahead of time in order to come to the class prepared.</i>	<i>This is an Honors Add-on Course you MUST also take BIOL 3204</i>
<i>BIOL</i>	<i>3890</i>	<i>24554</i>		<i>Evolutionary Medicine and the Human Body: Honors</i>	<i>STEM</i>	<i>Mary Towner</i>	<i>M 1230- 1320</i>	<i>Evolutionary Medicine and the Human Body is an Add-on for Human Anatomy BIOL 3214</i>	<i>This is an Honors Add-on Course you MUST also take BIOL 3214</i>
<i>BIOL</i>	<i>3890</i>	<i>28772</i>		<i>Using DNA Barcoding to Characterize Zooplankton</i>	<i>STEM</i>	<i>Guinevere Wogan</i>	<i>R 1030- 1220</i>	<i>DNA barcoding has emerged as a powerful approach for determining which species are present in a specific environment or sample. DNA Barcoding uses very short genetic</i>	<i>This is an Honors Add-on Course you MUST also take BIOL 3023 ANY</i>

				<i>Communities: Honors</i>				<i>sequences from a standard part of the genome to identify organisms (even whole communities) from tiny DNA samples instead of requiring whole organisms and using more variable morphological features like shape, size and color. Students will use recently published DNA barcodes for freshwater zooplankton to determine the species of freshwater zooplankton present in water samples from a new research project conducted by OSU faculty. Students will obtain hands-on experience with PCR amplification of DNA, DNA sequencing technology, and analysis of DNA barcoding information.</i>	
CS	4743	25959		Extended Reality: Honors	STEM	Blayne Mayfield	TR 0900- 1015	Survey the history and state-of-the-art of immersive computing, aka VAMR (virtual/augmented/mixed reality) computing. Tools and techniques to develop for a variety of target platforms. Human physiological factors that affect the design and development of immersive systems. The relationship of immersive computing with IoT (Internet of Things). Construction of virtual environments and the tracking of real and virtual objects. Applications of immersive computing to solve real-world problems. May not be used for degree credit with CS 5743. Prerequisite(s): CS 2133 and CS 2433 and CS 3653, each with a grade of "C" or better.	

ECON	2003	24448		Microeconomic Principles for Business: Honors	Social Sciences	William McLean	TR 1330-1445	Goals, incentives and outcomes of economic behavior with applications and illustrations relevant to business: operation of markets for goods, services and factors of production; the behavior of firms and industries for different types of competition; and international exchange. May not be used for degree credit with ECON 1113 or ECON 2103.	
ECON	2103	28418	S	Introduction to Microeconomics: Honors (S)	Social Sciences	William McLean	TR 1330-1445	Goals, incentives and outcomes of economic behavior with applications and illustrations from current social issues: operation of markets for goods, services and factors of production; the behavior of firms and industries in different types of competition; income distribution; and international exchange. May not be used for degree credit with ECON 1113. No general education credit for students also taking ECON 1113 or AGECE 1113. Previously offered as ECON 2023.	
ECON	2203	20627		Introduction to Macroeconomics: Honors	Social Sciences	Wenyi Shen	MWF 1130-1220	The functioning and current problems of the aggregate economy: determination and analysis of national income, employment, inflation and stabilization; monetary and fiscal policy; and aspects of international interdependence. Previously offered as ECON 2013.	

EEE	1020	30832		<i>Introduction to Entrepreneurship Supplemental: Honors</i>	<i>Social Sciences</i>	<i>Jonathan Butler</i>	<i>W 1330-1420</i>	<i>This honors-level supplemental course is designed to complement Introduction to Entrepreneurship with weekly readings and discussions about real-life entrepreneurs throughout history. Students will read and learn about entrepreneurs including Benjamin Franklin, P. T. Barnum, Madam C.J. Walker, Coco Chanel, Enzo Ferrari, Arianna Huffington, Jay-Z, and others. As part of the course, students will take turns teaching their fellow classmates about specific entrepreneurs and leading discussions about how each entrepreneur demonstrated concepts covered in EEE 2023. This is a discussion-based honors course add-on and students will be graded on their presentations, leadership, and in-class participation.</i>	<i>This is an Honors Add-on Course you MUST also take EEE 2023 ANY</i>
EEE	2023	30928		Intro to Entrepreneurship: Honors	Humanities	Kristen Madison	TR 0900-1015	Focuses on both the entrepreneurial mindset and the process of launching and growing a new business. Reviews opportunities, innovation, new value creation, business context, existing firms and any area of business or life that pertains to entrepreneurship.	
<u>EEE</u>	<u>3031</u>	<u>30825</u>		<u>Entrepreneurial Value Creation in Society: Honors</u>	<u>Social Sciences</u>	<u>Per Bylund</u>	<u>F 0930-1020</u>	<u>This 1-hour honors seminar presents an intellectual framework for understanding the economic and ethical implications of the forces that promote or hinder the creation of value in society. In particular, students will engage in readings, discussions, and periodic interactions with guest lecturers.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>related to topics such as: individual liberty and responsibility, economic freedom, fairness and equality, scarcity and property rights, intellectual property, competition and anti-competition, cronyism and despotism, and globalization and free trade. The aforementioned topics will be examined and discussed within the context of governments, institutions, business entities, and consumers, and their collective impact on innovation, entrepreneurship, and advances in societal well-being. This seminar should be of interest to students from diverse majors and backgrounds. There are no pre-requisites.</u></p>	
<u>EEE</u>	<u>3031</u>	<u>30826</u>		<u>Entrepreneurial Value Creation in Society: Honors</u>	<u>Social Sciences</u>	<u>Per Bylund</u>	<u>F 1030-1120</u>	<p><u>This 1-hour honors seminar presents an intellectual framework for understanding the economic and ethical implications of the forces that promote or hinder the creation of value in society. In particular, students will engage in readings, discussions, and periodic interactions with guest lecturers, related to topics such as: individual liberty and responsibility, economic freedom, fairness and equality, scarcity and property rights, intellectual property, competition and anti-competition, cronyism and</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<u>despotism, and globalization and free trade. The aforementioned topics will be examined and discussed within the context of governments, institutions, business entities, and consumers, and their collective impact on innovation, entrepreneurship, and advances in societal well-being. This seminar should be of interest to students from diverse majors and backgrounds. There are no pre-requisites.</u>	
<u>EEE</u>	<u>3673</u>	<u>31200</u>		<u>Business Model Discovery HONR</u>	<u>Humanities</u>	<u>Richard Gajan</u>	<u>MWF 0930-1020</u>	<u>Course teaches the fundamentals of testing the feasibility of a business idea and building an effective business model around a business concept. May not be used for degree credit with EEE 3023</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
EEE	4010	31055		Blockchain Programming & Development	STEM	Steven Trost	F 1330-1420		This is an Honors Add-on Course you MUST also take
ENGL	1413	20838		Critical Analysis and Writing II: Honors	Humanities		TR 1630-1745	Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.	
ENGL	1413	20840		Critical Analysis and Writing II: Honors	Humanities		MWF 0930-1020	Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.	

ENGL	1413	20841		Critical Analysis and Writing II: Honors	Humanities		MWF 1330-1420	Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.	
ENGL	1413	20842		Critical Analysis and Writing II: Honors	Humanities		TR 1030-1145	Critical thinking, research, and writing skills necessary for success in courses across the curriculum. Some sections available for honors credit. May be substituted for ENGL 1213 for gifted writers who seek a more challenging course.	
ENGL	2413	20852	DH	Exploring Literature: Honors (DH)	Humanities	Katherine Hallemeier	MWF 1030-1120	Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.	
ENGL	2413	20853	DH	Exploring Literature: Honors (DH)	Humanities	Lisa Hollenbach	TR 1500-1615	Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.	
ENGL	2413	20854	DH	Exploring Literature: Honors (DH)	Humanities	Ariel Ross	TR 1030-1145	Readings from a wide range of literature depicting diverse experiences and identities. Class discussions cover literary forms and meanings, along with the imaginative depictions of different communities.	
ENGR	1412	20881		Introductory Engineering Computer	STEM	Jennifer Glenn	T 1330-1420	Programming to solve problems typical of practice in	

				Programming: Honors				engineering. Techniques and methods.	
ENGR	1412	20896		Introductory Engineering Computer Programming: Honors	STEM	Jennifer Glenn	R 1330- 1420	Programming to solve problems typical of practice in engineering. Techniques and methods.	
ENSC	2113	20910		Statics: Honors	STEM	Laura Emerson	MWF 0930- 1020	Resultants of force systems, static equilibrium of rigid bodies, statics of structures, and fluid statics. Shear and moment diagrams.	
ENSC	2113	20916		Statics: Honors	STEM	Laura Emerson	MWF 0930- 1020	Resultants of force systems, static equilibrium of rigid bodies, statics of structures, and fluid statics. Shear and moment diagrams.	
ENSC	2143	20942		Strength of Materials: Honors	STEM	Robert Emerson	MWF 1230- 1320	Bending moments, deformation and displacement in elastic and plastic deformable bodies. Axial, torsional and shear loads. Buckling stress transformations and combined loads.	
<i>ENTO</i>	<i>4400</i>	<i>20973</i>		<i>Honors Insects & Society</i>	<i>STEM</i>	<i>William Hoback</i>	<i>R 1500- 1550</i>	<i>Insects and Society examines the role insects have played in human lives historically and in the present day. Insects contribute more than \$50 billion dollars to the U.S. economy and they kill more than one million people worldwide every year. For the fall Honors option, we will read and discuss Locust by Jeff Lockwood. The Rocky Mountain migratory locust was the most abundant animal on the planet and caused great hardships until the early 1900s as the western United States was settled. Today, it is extinct. This book examines the impact of the locust on the American west and reasons for its unintended extinction.</i>	<i>This is an Honors Add-on Course you MUST also take ENTO 2003</i>

								<i>Students will investigate the roles of biodiversity, ecology, and human disturbance in shaping our world in the past, present, in order to consider the future.</i>	
<u>FFP</u>	<u>2613</u>	<u>26111</u>	<u>DS</u>	<u>Financial Perspectives: Honors (DS)</u>	<u>Social Sciences</u>	<u>Katherine Mielitz</u>	<u>TR 0900-1015</u>	<u>An introduction to the personal relationship with money focusing on similarities and differences between Race/Ethnicity, Sex/Gender, Aging, Religion, and Family Structure. This course provides an overview of history, present day application, seeks solutions, and encourages reflection on the personal and societal relationships with money.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
FFP	3813	30952		Insurance Planning for Families: Honors	Social Sciences	Katherine Mielitz	TR 1030-1145		
<i>GEOL</i>	<i>2890</i>	<i>25919</i>		<i>Earth Resources: Honors</i>	<i>STEM</i>	<i>Tingying Xu</i>	<i>T 1500-1550</i>	<i>A large amount of the various resources used by human society have their origin in geologic events and processes. This course will aim to provide a more in-depth introduction to key resources alongside GEOL 1114. The resources to be covered will include energy, minerals, rocks and those necessary for life. Specific resources that may be covered include groundwater, surface water, soil, building materials, metals - precious, base and technology specific, renewable energy and fossil fuels. Currently, the relative importance of different resources is changing, and understanding their origin is important to investigating these changes. Examples include the decline in coal production related to an increase in gas and renewable energy</i>	<i>This is an Honors Add-on Course you MUST also take GEOL 1114 ANY</i>

								resources, as well the changing need for different metals to support the development of technologies like smart phones, touch screens, solar panels, electric cars and large capacity batteries.	
<i>GEOL</i>	<i>3890</i>	<i>30363</i>		<i>The Power of Water: Sculpting the Earth: Honors</i>	<i>STEM</i>	<i>Mary Hileman</i>	<i>M 1530-1620</i>	<i>Topics covered in this course include exploration and discussion of four areas in geology related to the action of water: Rivers: Erosion by water and use of water for human activity. Caves: Erosion of underground spaces - crystals underground, cave use by early cultures. Geysers: Action of water heated within the earth - hot springs, geysers, power generation, Glaciers: Action of frozen water, Ai sculpting of the Earth, melting glaciers and rise of sea-level. Although there is no textbook, reading of science articles (posted in Canvas) will be used as basis for discussions. Movies and other online information also will be used in this course.</i>	<i>This is an Honors Add-on Course you MUST also take GEOL ANY ANY</i>
<u>HIST</u>	<u>2513</u>	<u>31217</u>	<u>H</u>	<u>Plantation to Plate: Sugar, Bananas, and Coffee in America (H): Honors</u>	<u>Humanities</u>	<u>Sarah Foss</u>	<u>MWF 0930-1020</u>	<u>Sugar, bananas, and coffee are predominant staples in our diet. Inexpensive and abundant, and seemingly harmless, these three tropical commodities have drastically shaped the producing societies, and they have created huge industries and food cultures in the consuming countries. Our focus will be on the U.S. and Latin America, and we'll tackle topics such as fair trade, environmental issues, slavery, migration, marketing and culture, foreign policy, and capitalism. Our sources include</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>declassified CIA documents, 1960s advertisements, historical photographs, firsthand narratives, recent investigative journalism and court cases, and documentary film. Classes are structured to be a combination of lecture and discussion, and assignments include reading response essays, a newspaper journal, and a final creative project. By the end of the semester, you will be more knowledgeable about historical and present-day Latin America, the ways that commodities and the history of their exchanges shape our lives and eating habits in the present, and how you can make more informed consumption decisions.</u></p>	
<i>HIST</i>	<i>3890</i>	<i>29998</i>	<i>H</i>	<i>Leonardo da Vinci: Honors</i>	<i>Humanities</i>	<i>David Dandrea</i>	<i>W 1230-1320</i>	<p><i>From the Mona Lisa to The Da Vinci Code, Leonardo da Vinci (1452-1519) has captured the western imagination for centuries. An extraordinary painter, sculptor, and engineer, Leonardo won the admiration of his contemporaries and set the standard for a well-rounded individual dedicated to artistic perfection and scientific discovery. In this course we will study Leonardo da Vinci in his historical context and discuss the transformation of this Renaissance man into a cultural icon.</i></p>	<p><i>This is an Honors Add-on Course you MUST also take HIST 1613 ANY HIST 2213 ANY HIST 3343 29980</i></p>
<i>HIST</i>	<i>3890</i>	<i>30000</i>		<i>History of Travel: Americans & Europeans Overseas: Honors</i>	<i>Humanities</i>	<i>Matthew Schauer</i>	<i>M 1230-1320</i>	<p><i>This course will examine the history of modern travel through the study of American and British travelers in North America, Europe, Africa and Asia. We will examine the wide</i></p>	<p><i>This is an Honors Add-on Course you MUST also take HIST 1103 ANY HIST 1483 ANY HIST 1493 NY</i></p>

								<p>variety of reasons they traveled including tourism, exploration, migration, imperial expansion, adventure, military service, and immigration. We will read memoirs and journals, but also analyze art, music, and documentaries to see how these individuals reflected the history of their time. This class connects with HIST1103, HIST1483, HIST1493, HIST1623, HIST1823, and HIST 2023. History of the Present (H)</p>	
HIST	3890	30003		Third Reich: Honors	Humanities	Jason Lavery	T 1030-1120	<p>Some thirty years ago the Third Reich (1933-1945) was once called "the shadow the twentieth century. The recent rise in anti-Semitic attacks and the rise of fascist parties throughout the world suggest that Nazi Germany's shadow extends far into our own century. This course will address among its central questions the rise of Hitler and the Nazi Party, the mobilization of an entire country to aggressive war, and the Holocaust. - May be used as an add-on for ANY of the following HIST 1103 Survey of American History HIST 1493 American History Since 1865, HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 1823 World History 1500 to Present HIST 2023 History of the Present (H), HIST 3273 Modern Europe since 1914 (HI), HIST 3113 Germany since 1815 HIST 3333 History of the Second World War (HI), HIST 3343 World War I in Modern European Culture (HI)</p>	<p>This is an Honors Add-on Course you MUST also take HIST 1103 ANY HIST 1493 ANY HIST 3333 ANY</p>

								<i>HIST 3473 British Empire and Commonwealth of Nations</i>	
<u>HIST</u>	<u>3980</u>	<u>23090</u>		<u>Power and Protest in US History: Honors</u>	<u>Humanities</u>	<u>Holly Karibo</u>	<u>MWF 1130-1220</u>	<u>Today, the role of public protest in the United States is hotly debated. This course historicizes these debates, tracing the history of social movements from the late 19th century to the present. We will look at the origins of several key movements, and explore the rhetoric and tactics they employed to achieve their goals. In this course, we will also trace the responses to these movements by the general public, the media, and from those in power. Lectures, discussions, and readings will prepare students to address several key questions. Those include: How have types of public protest shifted over time? How has collective action shaped the social, cultural, and political history of the nation? Ultimately, to what extent is protest an American tradition?</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>1000</u>	<u>24589</u>		<u>Exploring the Medical Profession through an Osteopathic Perspective</u>	<u>STEM</u>	<u>Jeffrey Hackler</u>	<u>M 1230-1320</u>	<u>This seminar will provide an overview of specialties within the practice of medicine presented by clinical faculty from OSU College of Osteopathic Medicine. The seminar will broaden students' understanding of the medical profession, explain how osteopathic medicine is used to treat patients, and share how OSU Center for Health Sciences is creating pathways for</u>	<u>This Course can be used to meet the Honors Seminar Requirement Department Permission Required</u>

								<u>students to practice medicine in rural and underserved communities. This class is suitable for any student interested in pursuing a career in medicine.</u>	
<u>HONR</u>	<u>1000</u>	<u>25338</u>		<u>Judging U: A Practicum in Science Fairs: Honors</u>	<u>Social Sciences</u>	<u>Julie Angle</u>	<u>T</u> <u>1845-</u> <u>2130</u>	<u>This unique service-oriented class prepares students to serve as event staff for two prestigious science competitions, both of which will be virtual this year; the KS-NE-OK Regional Junior Science and Humanities Symposium (Feb 26-27, 2020), and the Oklahoma State Science and Engineering Fair (March 25-27, 2020). Students organize each event, select event items (i.e. t-shirts, trophies, etc.), and design videos. During each event, students take on event leadership roles, provide support for event judges, and prepare certificates and awards for each virtual awards ceremony. Join the Honors Judging U team to provide service to K-12 students during two science research competitions.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>1000</u>	<u>25347</u>		<u>Principled Negotiation for Everyone</u>	<u>Social Sciences</u>	<u>William Holmes</u>	<u>TR</u> <u>0900-</u> <u>0950</u>	<u>The goal of this course is to learn how to negotiate. This is intended for students of all backgrounds and career fields. The textbook will be "Getting to Yes: Negotiating Agreement Without Giving In", Second Edition, 163 pages, written by Roger Fisher, William Ury, and Bruce Patton, all at the Harvard Negotiation Project. It teaches</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>principled negotiation methods universally applicable to personal and professional disputes, whether involving: "...parents and children, neighbors, bosses and employees, customers or corporations, tenants or diplomats". The course will include lectures with discussion and short papers on the book, and then move to actual negotiations in class by the students based on common situations.</u></p>	
<u>HONR</u>	<u>1000</u>	<u>26228</u>		<u>Global Warming and Human Use of Earth: Honors</u>	<u>STEM</u>	<u>Stephen Hallgren</u>	<u>MWF 0930-1020</u>	<p><u>The course uses scientific analysis to focus on recent phenomena that suggest accelerated global warming is caused by human intervention in natural processes and mechanisms. Thorough discussion of the scientific method prepares the student to critically analyze new knowledge about global warming presented throughout the course. Students learn to use the language, concepts, methodologies and models of science to critically analyze the physical and biological components of the Earth system and how they have interacted since its origin until present to create the Earth that is ours. Students learn the mechanisms and consequences for human caused changes in the atmosphere, biological diversity and terrestrial</u></p>	<p><u>This Course can be used to meet the Honors Seminar Requirement Department Permission Required</u></p>

								<p><u>vegetation that can lead to global warming. This information informs students about human impacts on the natural environment, predictions of future global change, the scientific bases for global change assessments, and policy measures.</u></p>	
<u>HONR</u>	<u>1000</u>	<u>26590</u>		<p><u>They Wouldn't Put It on the Internet if It's Not True: Information Literacy in Post-Truth Era: Honor</u></p>	<p><u>Social Sciences</u></p>	<u>Holly Reiter</u>	<p><u>TR 1500-1615</u></p>	<p><u>This course provides an overview of essential concepts and skills needed for success in navigating an increasingly uncertain and perilous information landscape. Awareness of, access to, and quality of information have demonstrable impacts on social, economic, academic, and political well-being. This course will address issues of access, use, creation, and dissemination of information and how it affects particular populations of people, with an emphasis on historically marginalized and underrepresented groups. Students will learn to locate, access, use, evaluate, organize, create, and present information effectively for personal and academic research needs. Students will examine biases within each of those paying particular attention to issues of race, gender, class, sexuality, ethnicity, and other personal, political, and socioeconomic factors. Students will also improve their understanding of</u></p>	<p><u>This Course can be used to meet the Honors Seminar Requirement</u></p>

								<u>authority and trust, value of information, the nature of scholarly conversation, and the nature of inquiry and exploration.</u>	
<u>HONR</u>	<u>1000</u>	<u>28288</u>		<u>Windows to the World: Honors</u>	<u>Social Sciences</u>	<u>Robert Graalman</u>	<u>T 1630-1720</u>	<u>"Windows to the World" is a one-hour seminar, 3:30 Tuesdays, designed for ambitious students who might become applicants/nominees for major national and international scholarships such as: Rhodes, Marshall, Goldwater, Gates-Cambridge, Udall, Mitchell, Fulbright, and more. Students will learn about such opportunities as well as participate in weekly discussions based on current events, carried out in a rigorous debate/interview context, serving as both presenters (once) and interview panels (weekly). All students will submit a personal/policy essay, characteristic of one written for national competition, at the end of the semester to be evaluated by faculty members Jessica Sullins (Henry Bellmon Office Scholar Development and Undergraduate Research), and Bob Graalman (retired, same office). Final credit for the course depends on students' participation and completing the major activities described above.</u>	<u>This Course can be used to meet the Honors Seminar Requirement Department Permission Required</u>

<u>HONR</u>	<u>1000</u>	<u>28883</u>		<u>Research as a foreign language for future health professionals: Honors</u>	<u>STEM</u>	<u>Jillian Joyce</u>	<u>M 1430-1520</u>	<u>This seminar will provide students an opportunity to begin to read, understand, and speak the foreign language of research. We will, together, read 2-3 research articles related to current nutrition and health hot topics and thoroughly dissect each section. We will cover things like: what is an abstract and how do you use it properly, what are the sections of an introduction, what information can be pulled out of an introduction, what resource gold mine lies hidden in the introduction, what does a good purpose statement include, what is the dependent variable and how do you know, etc.? This class will use nutrition and health hot topic research articles to teach lessons, but lessons will be applicable to anyone interested in research or in a field that relies on research to guide practice.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>1000</u>	<u>30965</u>		<u>Let's Get Creative: Odyssey of the Mind</u>	<u>Humanities</u>	<u>John Andrews</u>	<u>W 1845-2030</u>	<u>What is creative genius? Does it strike like lightning or build like a storm? Are creative geniuses blessed by the muses or are they simply working with the right materials at the right time? This course interrogates the myth of creative genius by critically questioning the nature of invention while solving current Odyssey of the Mind (OotM) problems. By unpacking the narratives and historical mythos</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p>that cloud the invention process, students will <u>gain hands-on experience identifying, developing, and employing their own personal artistic and scientific processes for solving unconventional problems.</u> Students will work as teams to solve a long-term Odyssey of the Mind problem and compete at the Oklahoma State Odyssey of the Mind competition held on Saturday, April 2nd @ OSU, with the possibility of competing at the world finals (location TBD) at the end of May.</p>	
<u>HONR</u>	<u>1000</u>	<u>31397</u>		<u>Policy-making In Times of Crisis</u>	<u>Social Sciences</u>	<u>Jerome Loughridge</u>	<u>W 0830-0920</u>	<p>In order to build a theoretical framework for policy analysis, we will use readings on three periods of extraordinary challenge: <u>The Great Depression, the Cuban Missile Crisis and 9/11. The Great Depression since it provides an opportunity to familiarize students with the Dust Bowl and link it to our Oklahoma history; the Cuban Missile Crisis because of a) the availability of an extraordinary book covering policy in that period by Graham Allison, and b) the accessibility of the events as presented in the movie, "Thirteen Days"; and 9/11 . The instructor will be able to bring some inside perspective, having worked in the White House and for the Secretary of Defense in the near aftermath of the crisis</u> Having</p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>built a framework for understanding policy-making during the first half-dozen sessions, we will review of the ongoing COVID-19 policy response, using the Oklahoma experience as a case study. Given the instructors access to individuals central to Oklahoma's response - his own experience in leading a portion of the policy enterprise - we anticipate having multiple guest speakers with first-hand knowledge of the State's pandemic response.</u></p>	
<u>HONR</u>	<u>1000</u>	<u>31398</u>		<u>Nature and Society</u>	<u>STEM</u>	<u>Aaron Russell</u>	<u>MW 1430-1545</u>	<p><u>This course explores the intersections of society and "nature" We look at how culture, place/space, and discourses inform, shape, and shift our relations with "the environment." We examine ways human ecological relations are both actively socially constructed and deeply materially experienced, focusing on the global manifestations and reverberations of environmental discourses and knowledges and examining these at international, regional, local, and individual scales. The class is particularly interested in discourses and knowledges that might support more sustainable and regenerative ecological relations. Critical and creative exploration as well as out-of-classroom experiences in the</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p>wider community will be central to the learning experience. Together, through readings, discussion, examples, research, and experiential field studies and engagements, we will expand our repertoire to begin to understand how: 1) Culture, place/space, and discourse inform, construct, and produce human perceptions of and actions toward "nature;" research can be used to deconstruct and critically investigate perceptions and practices of "nature."</p>	
<u>HONR</u>	<u>1000</u>	<u>31399</u>		<u>Preparing for Singapore Place as Text</u>	<u>Humanities</u>	<u>Stephanie Miller</u>	<u>TR 1630-1720</u>	<p>This course will offer preparation for the honors summer travel course "Place as Text: Singapore." Based on the celebrated "Place as Text" approach to honors travel experiences, and offered in collaboration with the School of Global Studies, this class will offer skills and knowledge to help students get the most out of their travel to Singapore in the May term. Students will practice observation, mapping, and reflection while engaging in guided discussion of contextual readings from a variety of disciplines. Students will also get to know one another and build confidence in their ability to navigate an international travel experience. The class will meet twice a week for the second half of the spring semester. Students</p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>who enroll in this course will later enroll in a two-credit-hour travel course that will take place during the May term. During the travel course, Singapore itself will be our "textbook" as we visit its iconic landmarks and explore its eclectic museums, get to know its neighborhoods and eat its internationally renowned food! We will look through the lenses of history, politics, art, and nature, embracing complexity and nuance as we explore and interact with one of the most diverse and globalized cities in the world. E-mail stephanie.j.miller@okstate.edu for more information or to request a permit to enroll.</u></p>	
<u>HONR</u>	<u>1000</u>	<u>31500</u>		<u>Science and the Movies</u>		<u>Udaya Desilva</u>	<u>M 1330-1630</u>	<p><u>Science and the Movies - There have been numerous movies that pose interesting questions about the intersection of science with society. We will view some of these movies (eg. Inherit the Wind, 2001-A Space Odyssey, etc.) and examine the issues they raise. Students will be expected to write brief reaction papers to each of the seven or eight movies we watch.</u></p>	<p><u>[Note: CRN 31500 meets only for the first half of the semester. Students wishing to take this seminar for two credit hours should enroll in HONR 1000 CRN 31508 This Course can be used to meet the Honors Seminar Requirement [Note: CRN 31500 meets only for the first half of the semester. Students wishing to take this seminar for two credit hours should enroll in HONR 1000 CRN 31508]</u></p>

<u>HONR</u>	<u>1000</u>	<u>31508</u>		<u>Science and the Movies</u>		<u>Udaya Desilva</u>	<u>M 1330-1615</u>	<u>Science and the Movies - There have been numerous movies that pose interesting questions about the intersection of science with society. We will view some of these movies (eg. <u>Inherit the Wind</u>, <u>2001-A Space Odyssey</u>, etc.) and examine the issues they raise. Students will be expected to write brief reaction papers to each of the seven or eight movies we watch.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>1113</u>	<u>26223</u>	<u>DS</u>	<u>Active Aging for L.I.F.E (DS)</u>	<u>Social Sciences</u>	<u>Emily Roberts</u>	<u>TR 0900-1015</u>	<u>Demographic factors tell us that the number of adults age 65 and older will nearly double by 2030. A holistic and proactive approach to providing positive outcomes in aging requires integrated strategies focusing on providing environments and organizational structures to support this demographic shift. Active aging is a framework first developed by the World Health Organization in order to optimize opportunities for health, participation and security in order to enhance quality of life as people age. Active aging allows people to realize their potential for physical, social and mental well-being throughout the life course. In this honors seminar you will acquire a great deal of information on a wide range of topics in order to build your personal understanding of the relationships between Longevity, Independence,</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>Fitness and Engagement for active aging. This will require the overlapping of several domains such as environmental psychology, cognitive science, sociology, physiology, architectural and interior design, human geography, assistive technology, nutrition and physical and cognitive fitness. This course will include selected readings for each module topic; web-based tools and resources that can be used beyond the course; short experiential learning activities; group discussions via message boards, a short reflective writing assignments and a final team project.</u></p>	
<u>HONR</u>	<u>1503</u>	<u>26226</u>	<u>N</u>	<u>Integrative Biology: The Mind (N)</u>	<u>STEM</u>	<u>Jason Bruck</u>	<u>W 1845-2130</u>	<p><u>As one can see by reading this sentence, the human mind is a powerful tool, capable of filtering stimuli to provide meaningful perceptions. But what happens when those filters cloud the true nature of reality? Can we trust our own eyes and ears? Through a biopsychological approach we will explore the human mind at the levels of sensation, perception and reflection. The Mind will equip students to understand how their own biological and psychological predispositions affect their perceptions of the world. The course will empower students to confront biases as social and</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>natural scientists, as well as informed citizens in a world increasingly subject to misperceptions and manipulations. Learning outcomes include: 1) understanding how genes and the environment entwine to shape the evolution and development of sensory systems, neurophysiology and neuroanatomy; 2) developing awareness of the students' own metacognition to develop as successful learners, able to see how self-perception affects success and performance and 3) fostering healthy skepticism about the role of the 'human instrument' as a tool for measuring phenomena and interpreting scientific output.</u></p>	
<u>HONR</u>	<u>2013</u>	<u>31366</u>	<u>S</u>	<u>Honors Law and Legal Institutions (S)</u>	<u>Social Sciences</u>	<u>Robert Spurrier</u>	<u>TR 1030-1145</u>	<p><u>This will be a "live" and interactive on-line seminar utilizing Canvas that will be taught in part by the Socratic method of instruction similar to that employed in many law schools. Regular daily attendance will be necessary for you to be successful. We will examine several aspects of law and the American legal system including historic English origins, court structure and operations, and principles of several areas of substantive law (contracts, property, torts, etc.). Aspects of the politics of the judicial branch including</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>selection and removal of judges will be included as well. You also will read and brief a limited number of United States Supreme Court decisions. Although the content may be particularly useful for students considering a career in the legal profession, this seminar will be geared toward those with a general interest in learning about our legal system in the United States and how it affects our lives.</u></p>	
<u>HONR</u>	<u>2023</u>	<u>31385</u>	<u>DS</u>	<u>Constitutional Dimensions of Diversity (DS)</u>	<u>Social Sciences</u>	<u>Robert Spurrier</u>	<u>TR 0900-1030</u>	<p><u>This will be a “live” and interactive on-line seminar utilizing Canvas to provide the opportunity for Socratic method instruction similar to that employed in many law school classes. Regular daily attendance will be necessary for you to be successful. You will learn how to read and brief major Supreme Court decisions interpreting the Equal Protection Clause of the Fourteenth Amendment (and the equal protection concepts embodied in the Due Process Clause of the Fifth Amendment) and selected federal statutes in the areas of racial equality, gender equality, the status of Indian tribes and tribal members in relation to the authority of national and state governments, and selected rights of religious groups (First and Fourteenth Amendments). You</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>will be expected to draw principles from these decisions and statutes and then apply them to hypothetical case situations while at the same time subjecting them to close analysis (that sometimes may lead to differing opinions among the members of the class). Later in the semester you will make a presentation of a full-length United States Supreme Court case that you have read and briefed. Because edited Supreme Court cases provided in .pdf format will comprise the bulk of the assigned reading in the seminar, the only textbook that you will need to purchase will be a paperback law dictionary (if you do not already have a law dictionary).</u></p>	
<u>HONR</u>	<u>2073</u>	<u>26225</u>	<u>DH</u>	<u>The Story of Lizzie Borden: Axe Murder in American Culture (DH)</u>	<u>Humanities</u>	<u>Stephanie Miller</u>	<u>TR 1030-1145</u>	<p><u>In 1892, Lizzie Borden was accused of killing her father and stepmother with an axe. She was eventually acquitted, but her story had captured the American cultural imagination. This course will take a chronological approach to the history of the Lizzie Borden story as it evolves from news reports contemporaneous to the case through broadsides and early true-crime takes to fictionalized versions in the form of short stories, poems, novels, plays, a ballet, an opera, and multiple film versions. Specifically, we will consider</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>how changing concepts of gender shape the way in which the story gets told in different media and in different moments in American history. Ultimately, we will ask what it says about American culture that - for better or for worse - we simply cannot let Lizzie go!</u></p>	
<u>HONR</u>	<u>2083</u>	<u>28435</u>	<u>DH</u>	<u>Flash Fiction: A Tiny Genre with a Big Impact (DH)</u>	<u>Humanities</u>	<u>Stephanie Miller</u>	<u>TR 1200-1315</u>	<p><u>Flash fiction is a subgenre of the short story characterized primarily by brevity: typically, the term refers to compositions of 1000 words or less. We'll read contemporary examples of the form by practitioners from diverse backgrounds and explore criticism on the genre, examining its intersections with related short forms and its ability to engage with complex social issues. Specifically, we'll look at flash fiction that negotiates issues pertaining to gender, race, ethnicity, and class in American society. A widely accessible genre with far-ranging content, flash fiction invites a large and varied readership; accordingly, this class welcomes students from all majors, assuming no prior experience of literature and assessing student learning via required posts to a course blog rather than through formal essays. The course will also be skills-based, cultivating analytical ability of use to students in all areas of study. Grades will be based on quizzes,</u></p>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<u>homework, and classwork; the blog; class participation; and a final exam.</u>	
<u>HONR</u>	<u>2303</u>	<u>26222</u>	<u>H</u>	<u>Magic Rings Symbol and Allegory (H)</u>	<u>Humanities</u>	<u>Christopher Weimer</u>	<u>TR 1030-1145</u>	<u>Magic Ring Allegories - This course will explore philosophical and moral allegories created by the presence of magic rings in two thousand years of Western art and thought. Works studied will include Plato's Republic, the medieval chivalric romance, the four operas comprising Richard Wagner's Ring Cycle, twentieth-century "high fantasy" (J.R.R. Tolkien, Stephen R. Donaldson), and the contemporary graphic novel. Weimer (3 credit hours)</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2323</u>	<u>28282</u>	<u>H</u>	<u>Witches, Murderers, Pirates, and Thieves: Early American Crime Narratives (H)</u>	<u>Humanities</u>	<u>Richard Frohock</u>	<u>MWF 1030-1120</u>	<u>Tales of crimes - real, alleged and fictional - were very popular with readers in the 17th, 18th and 19th century Atlantic world, as they are today. As we work our way through tales of sensational crime, we will think about the cultural work that crime stories do; that is, we will consider how they explore ideas about human nature, civil society, authority, transgression, and the origins of evil.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2443</u>	<u>30962</u>	<u>H</u>	<u>Honors Romanticism to Postmodernism: 19th & 20th Centuries (H)</u>	<u>Humanities</u>	<u>Doren Recker</u>	<u>MWF 1130-1220</u>	<u>Interdisciplinary study of art, history, philosophy and literature from the 19th century to the present. Team-taught by faculty from appropriate disciplines in a lecture and discussion format. For the Honors student. May not be used for degree credit with</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<u>HONR 2223. Previously offered as HONR 1043. Prerequisite(s): Honors Program participation.</u>	
<u>HONR</u>	<u>2443</u>	<u>30963</u>	<u>H</u>	<u>Honors Romanticism to Postmodernism: 19th & 20th Centuries (H)</u>	<u>Humanities</u>	<u>Priscilla Schwarz</u>	<u>MWF 1130-1220</u>	<u>Interdisciplinary study of art, history, philosophy and literature from the 19th century to the present. Team-taught by faculty from appropriate disciplines in a lecture and discussion format. For the Honors student. May not be used for degree credit with HONR 2223. Previously offered as HONR 1043. Prerequisite(s): Honors Program participation.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2443</u>	<u>30964</u>	<u>H</u>	<u>Honors Romanticism to Postmodernism: 19th & 20th Centuries (H)</u>	<u>Humanities</u>	<u>Perry Gethner</u>	<u>MWF 1130-1220</u>	<u>Interdisciplinary study of art, history, philosophy and literature from the 19th century to the present. Team-taught by faculty from appropriate disciplines in a lecture and discussion format. For the Honors student. May not be used for degree credit with HONR 2223. Previously offered as HONR 1043. Prerequisite(s): Honors Program participation.</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2503</u>	<u>24307</u>		<u>Confronting Pseudoscience: Honors</u>	<u>STEM</u>	<u>Keith Garbutt</u>	<u>M 1845-2130</u>	<u>This course will use an examination of a wide range of pseudoscientific ideas and beliefs as a way of understanding what the difference is between true scientific endeavor and non-scientific belief systems (and hopefully have a certain amount of fun in the process). The course takes as its basic premise that there is a real difference in the type of knowledge associated with a true scientific endeavor</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>and those associated with pseudoscientific belief systems. We will investigate how pseudoscientific beliefs systems try to utilize that vocabulary and some of the methodology of the sciences in an attempt to validate their beliefs systems. Pseudoscientific topics covered will include (but are by no means limited to) Homeopathic medicine, Bermuda triangle, vaccination denial, moon landing denial, and Creationism.</u></p>	
HONR	2890	28765		EDM Electronic Dance Music: Honors	Humanities	Mark Pery	M 1430-1520	DM (electronic dance music). This course will cover its history since the disco era and students will learn how to DJ - culminating with an end of the semester dance party, with the students DJ'ing. The instructor specializes in EDM and is a DJ.	This is an Honors Add-on Course you MUST also take MUSI 2573 ANY
HONR	2890	28766		Honors Video Game Development	STEM	Douglas Heisterkamp	-	Add-on For Video Game Development CS 4173	This is an Honors Add-on Course you MUST also take CS 4173 ANY
HONR	2890	28767	HI	Head & Heart in Relation to Human Religious Experience	Humanities	Doren Recker	R 1500-1550	REL 1103 covers a variety of world religions and this Honors' section will take a careful look at some major issues affecting all relationships between religious and other sorts of beliefs. In this section we will investigate basic issues concerning Faith/Reason (heart/head), focusing on the historical and current relationship(s) between mythos & logos within religious belief. We will center Judeo-Christianity, and ancient and tribal religions, but the issues are central to all religious thought, and students will be challenged to provide	This is an Honors Add-on Course you MUST also take RELG 1103 ANY

								<i>their own examples, and to connect material covered here to the other religions discussed in the course</i>	
<i>HONR</i>	<i>2890</i>	<i>28882</i>		<i>Stuff OSU Should Know - A Students' Podcast of OSU History and Culture: Honors</i>	<i>Humanities</i>	<i>Seth Wood</i>	<i>W 1330- 1420</i>	<i>In this course students will contribute to the design, production, and distribution of a podcast that offers a students' perspective on the past, present, and future of Oklahoma State University: Stuff OSU Should Know. In past iterations of this course research topics have ranged from historical inquiries into Oklahoma A&M / OSU during times of war and the economic foundations of the University in the Land Grant System to more topical matters like campus construction, Greek Life at OSU, Homecoming, and social justice campaigns on campus. Ultimately, students will choose their own desired topics of research and podcasting work based on in-class group brainstorming sessions. Students will be required to follow multiple podcasts and compose one brief review of a professionally produced podcast in the first half of the semester. In the second half of the semester each student will propose their own contribution to Stuff OSU Should Know, which could take the form of composing and reading scripts, audio editing, visual design, marketing, and other sorts of labor that don't involve listening to your own recorded voice. You may elect to contribute to the podcast by creating transcripts and other visual materials to make the podcast accessible to a wider audience. Whatever the topical material of the podcasts themselves, the creation of</i>	<i>This is an Honors Add-on Course you MUST also take ENGL AP, IB, Concurrent</i>

								<i>them will provide students with a novel opportunity to refine their abilities to perform scholarly research, to conduct interviews, to articulate scripted and improvised discourse, market materials online and in physical spaces through visual media, and to converse and collaborate productively with their peers.</i>	
<i>HONR</i>	<i>2890</i>	<i>31468</i>		<i>Programming Intelligent Robots: Honors</i>	<i>STEM</i>	<i>Cheistopher Crick</i>	<i>W 1630-1720</i>	<i>Programming Intelligent Robots - Students in this course will learn to develop applications for autonomous robots, from simple reactive architectures to multirobot teams that engage in sophisticated planning and coordination. Students will be introduced to problems in distributed systems, artificial intelligence and computer vision. Prior programming experience at the level of CS I is required. - Crick - CO-REQUISITE NOTE: Must be an honors student enrolled in Computer Science II (CS 2133) or C/C++ (CS 2433) C/C++ course or any other mid-level CS class for the Spring 2022 semester.]</i>	<i>This is an Honors Add-on Course you MUST also take CS 2133 ANY CS 2443 ANY</i>
HONR	3023	30975	HI	CAS Place-As-Text: Berlin, Germany	Humanities	Richard Frohock	F 1230-1320	In this honors seminar, we will explore the rich culture of Berlin, Germany, through reading, discussion, and international travel. This class will use a Place-as-Text curriculum, which means the city of Berlin will be our object of study. Together we will explore contemporary life in Berlin, the capital city that was profoundly shaped by World War II and has a fascinating	This Course can be used to meet the Honors Seminar Requirement Outreach Perm Req 405-744-6390

								<p>cold-war history. Today, Berlin is renowned for its arts culture (filmmaking, music, and the visual arts), its diverse neighborhoods, and its start-up-friendly business environment. Our time in Berlin will feature numerous excursions and activities aimed at developing interdisciplinary understanding of the city. Students can visit sites such as the Brandenburg Gate and Museum Island, take a stroll through the shopping district of Kurfürstendamm and the arts district, or travel to the picturesque neighboring town of Potsdam. There are no prerequisites for this travel course, and the class is open to all majors. Enrollment by permit (contact Richard.frohock@okstate.edu for more details!)</p>	
HONR	3023	31121	HI	Contemporary Cultures of the Western World: Honors in Central Mexico	Humanities	John Andrews	F 1230-1320	<p>In this three-credit hour course (Led by Dr. John Andrews And Cara Eubanks) we will explore the rich culture of Central Mexico through reading, discussion, and international travel. This class will use a City-As-Text Curriculum, which means the contemporary culture of Central Mexico (specifically Puebla, Mexico City, and La Preciosita) will be our object of study and will emphasize experiential learning and reflective writing. We will explore contemporary life in</p>	<p>This Course can be used to meet the Honors Seminar Requirement Outreach Perm Req 405-744-6390</p>

								Central Mexico through reading, discussion of topics including modernization and cultural identity formation, and numerous excursions and activities aimed at developing interdisciplinary understanding. There are no prerequisites, and the class is open to all majors.	
HONR	3053	21265	DH	Biology, Race, and Gender: Honors (DH)	Humanities	Doren Recker	MWF 1330-1420	Critical interdisciplinary investigation of relationships between biological theory (especially Darwinism) and social and ethical issues. Attention to views of alleged biological aspects of perceived racial and gender differences and attempts to implement these views socially, legally, and medically in the United States and elsewhere. This class is restricted to students in their 3rd or 4th year in the Honors College.	This Course can be used to meet the Honors Seminar Requirement
HONR	3063	28281	H	Jane Austen: Life, Art, and Influence (H)	Humanities	Cailey Hall	MW 1430-1545	An author who continues to speak to generations of readers centuries after her death, Jane Austen wrote a half dozen novels that became classics within a few decades of their creation. This course examines the distinct features of the writing that accounts for her significant accomplishments - not just on the development of the novel but her influence on those novelists who followed her. Prerequisite(s): Honors College participation.	This Course can be used to meet the Honors Seminar Requirement

<i>MATH</i>	<i>2890</i>	<i>31516</i>		<i>Honors Topics in Business Calculus</i>	<i>STEM</i>	<i>Detelin Dosev</i>	<i>1 T-0900</i>	<i>The course will mostly build from topics covered in Business Calculus. We will see what linear regression is, what it is good for, and learn how to use Excel to find the line of "best fit." We will also see how to compute the "current" value of a company and how to compute mortgage payments by hand. We will study some counting techniques and use them to answer questions about probability. This is helpful in making business decisions when there is some uncertainty about what will happen. At the end of the course, we will study constrained optimization and see how the technique of Lagrange multipliers can be used to solve real-world economics problems.</i>	<i>This is an Honors Add-on Course you MUST also take MATH 2103 ANY</i>
<i>MATH</i>	<i>2890</i>	<i>31517</i>		<i>Inquiry Oriented Linear Algebra</i>	<i>STEM</i>	<i>Melissa Mills</i>	<i>1 M-1330</i>		<i>This is an Honors Add-on Course you MUST also take</i>
<i>MATH</i>	<i>2890</i>	<i>31518</i>		<i>Further Games of Strategy: Contract Bridge II</i>	<i>STEM</i>	<i>Jeffrey Mermin</i>	<i>1 T-1630</i>	<i>Sequel to Games of Strategy: Contract Bridge. The course will discuss intermediate play techniques and advanced bidding conventions. There will be a secondary focus on the variety of different play and scoring formats.</i>	<i>Prerequisite: Successful completion of Contract Bridge I. - Add-on for any MATH course at or above the level of MATH 2144. This is an Honors Add-on Course you MUST also take MATH 2144 ANY MATH >2114 ANY Instructor Permission Required Prerequisite: Successful completion of Contract Bridge I. - Add-on for any MATH course at or above the level of MATH 2144.</i>
<i>MATH</i>	<i>2890</i>	<i>31520</i>		<i>Games of Strategy: Contract Bridge</i>	<i>STEM</i>	<i>Jeffrey Mermin</i>	<i>1 R-1630</i>	<i>In this course we will learn the basics of playing the game Contract Bridge, one of the most difficult games of strategy with incomplete information</i>	<i>This is an Honors Add-on Course you MUST also take MATH 2144 Any MATH >2144 ANY</i>

								<p>(as opposed to games such as chess or go in which both players have complete information). Students will learn the rules of the two phases of the game: the auction, or the bidding phase, and then the play of the cards. Students will learn to analyze card positions and think strategically. This involves mental counting of cards that have been played and drawing inferences from those counts of what cards opponents are likely to hold. We will touch on permutations and combinations, as they help us determine the number of options for ways the cards can be distributed, and then use basic probability to determine the most likely outcomes. The game also has social and information-theoretic aspects, requiring respectful and accurate communication with fellow players using the abstract language of bidding. Critical thinking is vital in this course.</p>	
MATH	3890	31519		Further Games of Strategy: Contract Bridge II	STEM	Jeffrey Mermin	1 T-1630	<p>Sequel to Games of Strategy: Contract Bridge. The course will discuss intermediate play techniques and advanced bidding conventions. There will be a secondary focus on the variety of different play and scoring formats.</p>	<p>Prerequisite: Successful completion of Contract Bridge I. - Add-on for any MATH course at or above the level of MATH 2144. This is an Honors Add-on Course you MUST also take MATH 2144 ANY MATH >2144 ANY Instructor Permission Required Prerequisite: Successful completion of Contract Bridge I. - Add-on for any MATH course at or above the level of MATH 2144.</p>

MATH	4063	21425		Advanced Linear Algebra: Honors	STEM	Alan Noell	MWF 1430-1520	A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and hermitian forms, and dual spaces. Honors and regular sections are offered and meet with MATH 5023.	
MATH	4153	21427		Advanced Calculus II: Honors	STEM	Jiri Lebl	MWF 1230-1320	A rigorous treatment of vector spaces, linear transformations, determinants, orthogonal and unitary transformations, canonical forms, bilinear and hermitian forms, and dual spaces. Honors and regular sections are offered and meet with MATH 5023.	
MATH	4623	21431		Abstract Algebra II: Honors	STEM	David Wright	MWF 0930-1020	Continuation of MATH 4613. An introduction to the theory of rings, linear transformation and fields. Meets with MATH 5013. No credit for students with credit in MATH 5013. Prerequisite(s): MATH 4613.	
MICR	2890	24168		<i>Introduction to Microbiology: Honors</i>	STEM	Matthew Cabeen	F 0930-1020	<i>Honors Add-on for MICR 2133 Introduction to Microbiology</i>	<i>This is an Honors Add-on Course you MUST also take MICR 2133</i>
MICR	2890	26752		<i>Discovering Unexplored Bacterial Genomic Diversity: Honors</i>	STEM	Wouter Hoff	F 1430-1545	<i>This 2890 is an add-on to MICR 2132 Intro to Micro Lab. This is an unusual honors section, allows students to sequence the genomes of microbes they discover, in nature as part of Intro Lab.</i>	<i>This is an Honors Add-on Course you MUST also take MICR 2132 ANY</i>
MICR	2890	30108		<i>Introduction to Microbiology: Honors</i>	STEM	Sabrina Beckmann	F 0930-1020	<i>Honors Add-on for MICR 2133 Introduction to Microbiology</i>	<i>This is an Honors Add-on Course you MUST also take MICR 2133 ANY</i>
MICR	3890	24170		<i>Advanced Cell and Molecular Biology: Honors</i>	STEM	Wouter Hoff	W 1330-1420	<i>Add-on for MICR 3033 Cell and Molecular Biology</i>	<i>This is an Honors Add-on Course you MUST also take MICR 4233</i>

MICR	3890	24576		Pathogenic Microbiology: Honors	STEM	Erika Lutter	F 1230-1320	Add-on to Pathogenic Microbiology MICR 4053	This is an Honors Add-on Course you MUST also take MICR 4053
MICR	3890	24659		Immunology: Honors	STEM	Karen Wozniak	F 1330-1420	Add-on to Immunology	This is an Honors Add-on Course you MUST also take MICR 3253
MICR	3890	28247		Advanced Honors Experience in Microbiology	STEM	Randy Morgenstein	M 1330-1420	Add-on Course for Advanced Microbiology MICR 3223	This is an Honors Add-on Course you MUST also take MICR 3223
MKTG	3213	30515	S	Marketing: Honors (S)	Social Sciences	Maribeth Kuzmeski	MWF 0930-1020	Marketing strategy and decision-making. Consumer behavior, marketing institutions, competition and the law.	
NSCI	2114	21713	N	Principles of Human Nutrition: Honors (N)	STEM	Edralin Lucas	MWF 1330-1420	Functions of the nutrients in human life processes. Nutrient relationship to health as a basis for food choices.	
NSCI	2114	21714	N	Principles of Human Nutrition: Honors (N)	STEM	Ashlea Braun	MWF 1030-1120	Functions of the nutrients in human life processes. Nutrient relationship to health as a basis for food choices.	
NSCI	3440	23486		Nutritional Sciences Pre-Professional Experience: Honors	STEM	Catherine Palmer	-		
NSCI	4850	28937		Freshman Research Scholars Project: Honors	STEM	Allison Hepworth	-		
NSCI	4850	28938		Freshman Research Scholars Project: Honors	STEM	Sam Emerson	-		
PHIL	1313	25864	A	Logic and Critical Thinking (A): Honors	STEM	Pierce Marks	MWF 1230-1320	Formal and informal reasoning, common fallacies, definitions and language functions, patterns of explanation. Practical criticism and development of everyday arguments.	

<i>PHYS</i>	2890	24250		<i>Honors Experience PHYS 2014</i>	<i>STEM</i>	<i>Andrew Yost</i>	<i>M 1130- 1220</i>	<i>Add-on to General Physics PHYS 2014</i>	<i>This is an Honors Add-on Course you MUST also take PHYS 2014 ANY</i>
<i>PHYS</i>	2890	24251		<i>Honors Experience PHYS 2114</i>	<i>STEM</i>	<i>Derek Meyers</i>	<i>W 1030- 1120</i>	<i>This course will explore the concepts of mechanics from the point of view of their application to living systems. Topics to be covered include the role of physics in living matter; mechanical challenges to life resulting from the highly viscous environment present at microscopic scales, constraints on force at the cellular scale, motion within cells, tissues, and fluids; and energy, heat, and entropy in biological systems. The class will also cover how cellular machinery (e.g., molecular motors) can convert chemical energy sources to mechanical forces and motion. Students in this class will be introduced to the physics relevant to DNA and other biological systems, including rigidity and elasticity. The course will not require students to buy a textbook.</i>	<i>This is an Honors Add-on Course you MUST also take PHYS 2114 ANY</i>
<i>PHYS</i>	2890	25017		<i>Honors Experience PHYS 1114</i>	<i>STEM</i>	<i>Donghua Zhou</i>	<i>T 1330- 1420</i>	<i>Add-on for College Physics PHYS 1114</i>	<i>This is an Honors Add-on Course you MUST also take PHYS 1114 ANY</i>
<i>PLNT</i>	4470	22025		<i>Honors Intro Plant Soil System</i>	<i>STEM</i>	<i>Beatrix Haggard</i>	<i>R 1500- 1550</i>	<i>From Hands-on to History: the story of Crop Production - Students will experience hands on laboratories in the greenhouse and the crop science laboratory. These labs will evaluate identification of various growth characteristics for multiple crops grown in Oklahoma. Including germination and etiolation using growth chambers and the greenhouse to evaluate how environment influences plant growth. Students will also read "The Living Fields: Our Agricultural Heritage",</i>	<i>This is an Honors Add-on Course you MUST also take PLNT 1213</i>

								<i>and we will discuss the book when not working on labs or in-class demonstrations. This add on will provide a deeper understanding of how production agriculture has evolved into its current form.</i>	
<i>POLS</i>	<i>2890</i>	<i>24261</i>		<i>Odd Clauses of the Constitution: Honors</i>	<i>Social Sciences</i>	<i>Danny Adkison</i>	<i>M 1230-1320</i>	<i>Add-on for POLS 1113 American Government</i>	<i>This is an Honors Add-on Course you MUST also take POLS 1113</i>
<i>POLS</i>	<i>2890</i>	<i>24262</i>		<i>Odd Clauses of the Constitution: Honors</i>	<i>Social Sciences</i>	<i>Danny Adkison</i>	<i>W 1230-1320</i>	<i>Add-on for POLS 1113 American Government</i>	<i>This is an Honors Add-on Course you MUST also take POLS 1113</i>
<i>PSYC</i>	<i>2890</i>	<i>24189</i>		<i>Thinking Traps that Affect Your Life: Honors</i>	<i>Social Sciences</i>	<i>Tony Wells</i>	<i>W 1530-1620</i>	<i>Add-on for PSYC 1113- We will cover 12 cognitive traps, biases, and heuristics that affect our everyday lives including our relationships, our health, and how we spend our money. The course will involve multiple in-class demonstrations of these traps and biases. We will also discuss how being aware of these traps and, hopefully, avoiding them can improve our lives.</i>	<i>This is an Honors Add-on Course you MUST also take PSYC 1113</i>
<i>PSYC</i>	<i>2890</i>	<i>26503</i>		<i>Psychological Issues in Video Games: Honors</i>	<i>Social Sciences</i>	<i>Shawn Rose</i>	<i>W 1130-1220</i>	<i>Psychological Issues in Video Games - This course will explore issues in psychology through the lens of video games using specific examples from a variety of mainstream and independent games. Themes covered in the class include the role of stress in games, violence and aggression, social influences, player identity and personality, gender and diversity, and depictions of mental health in video games. In addition to typical discussions, some class periods will have students collaboratively playing through selected games during class while discussing issues that emerge through the gameplay.</i>	<i>This is an Honors Add-on Course you MUST also take PSYC 1113 PSYC 2313</i>

<i>PSYC</i>	2890	29018		<i>Mindfulness: Theory, Research, and Interventions: Honors</i>	<i>Social Sciences</i>	<i>Stephanie Sweatt</i>	<i>M</i> <i>1330-1420</i>		<i>This is an Honors Add-on Course you MUST also take PSYC 1113 ANY</i>
<i>SPCH</i>	2890	24299		<i>Honors Experience in Speech</i>	<i>Social Sciences</i>	<i>Mary Walker</i>	<i>W</i> <i>1330-1420</i>	<i>This course is designed to supplement your regular section of SPCH 2713. Students will make several special occasion speeches. These types of speeches are more informal than the ones you will make in your regular section, and while the content of your speeches in this course will certainly be important, the course will focus on evaluating and honing your delivery skills.</i>	<i>This is an Honors Add-on Course you MUST also take SPCH 2713</i>
<i>STAT</i>	2890	25040		<i>Honors Experience in Statistics</i>	<i>STEM</i>		<i>F</i> <i>1530-1620</i>	<i>Games of chance have been one of the historical drivers of mathematical probability since the 1654 series of letters between Pascal and Fermat. In the 21st century, applications of probability have moved beyond gambling into many different types of games. In this seminar, we examine various types of games of chance plus skill. Major assignments are a mathematical exam and a group poster project on some type of game.</i>	<i>This is an Honors Add-on Course you MUST also take STAT 2013 STAT 2023 STAT 2053</i>
TH	3633	21046	DH	Diverse American Drama: Honors (DH)	Humanities	Andrew Kimbrough	TR 1500-1615	Survey of dramatic literature and theatre created by diverse dramatists and theatre companies in the United States. Course focus may either be a broad investigation of drama across many different identity groups or an in-depth exploration of the theatrical activity of one group of people.	
<u>UNIV</u>	<u>3110</u>	<u>31371</u>		<u>OSLEP - How We Bear Witness: Writing</u>	<u>Humanities</u>	<u>Keith Garbutt</u>	<u>-</u>	<u>OSLEP Seminars - See the OSLEP web page (http://www.oslep.org) for</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>

				<u>Oklahoma in Fiction & Creative Nonfiction (Honors)</u>				<u>seminar details. OSU students selected for an OSLEP seminar will enroll in a section of UNIV 3110 at OSU. (The five-day OSLEP seminars are graded pass-fail, so it is a good idea to check with your regular academic advisor to determine how they will count toward your overall degree requirements.) [OSLEP Office permission required.]</u>	
<u>UNIV</u>	<u>3110</u>	<u>31372</u>		<u>OSLEP - Crude Territory: Rethinking the Identity of Oklahoma (Honors)</u>	<u>Social Sciences</u>	<u>Keith Garbutt</u>	<u>-</u>	<u>OSLEP Seminars - See the OSLEP web page (http://www.oslep.org) for seminar details. OSU students selected for an OSLEP seminar will enroll in a section of UNIV 3110 at OSU. (The five-day OSLEP seminars are graded pass-fail, so it is a good idea to check with your regular academic advisor to determine how they will count toward your overall degree requirements.) [OSLEP Office permission required.]</u>	<u>This Course can be used to meet the Honors Seminar Requirement</u>