

## OSU 2021 SPRING SEMESTER HONORS COURSES 11/5/2020 Draft 3

### Sorted Alphabetical

**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.]**

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

Subject	Course	CRN	Gen Ed	Title	Honors Area	Instructor	Time	Description	Notes
AGEC	2990	23574	S	<i>Deep Issues of Agricultural Economics: Honors</i>	Social Sciences	Raymond Schatzer	R 1500-1545	<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>Course Type - In Person This is an Honors Add-on Course you MUST also take AGECE 1113 ANY CRN</i>
ANSI	4900	20044		<i>Principles of Nutrition: Honor</i>	STEM	Scott Carter	F 1530-1615	<i>Honors Add-on to Principles of Animal Nutrition</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ANSI 3543 20876</i>
ANSI	4900	24290		<i>Retail and Food Service Meat Value: Honors</i>	STEM	Gretchen Mafi	T 1530-1615	<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 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>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ANSI 2233 ANY CRN ANSI 2253 ANY CRN</i>

ANSI	4900	24865		<i>The Role of Assisted Reproductive Technologies (ART) in Animal Agriculture: Honors</i>	STEM	Daniel Stein	F 1230-1315	<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 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>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ANSI 3443 ANY CRN</i>
ANSI	4900	26349		<i>You and Your Genome: Honors</i>	STEM	Darren Hagen	F 1330-1415	<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>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ANSI 3423 20829</i>
ARCH	2890	30544	H	<i>Honors for Topics in Architecture</i>	Humanities	Michael Rabens	T 1500-1615	<i>Add-on for ARCH 2283 History and Theory of Architecture II (H)</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ARCH 2283 30441</i>
BIOC	1990	25197		<b>Freshman Research in Biochemistry: Honors</b>	STEM	Patricia Canaan	W 1500-1640	<b>Seminar for Biochemistry majors only</b>	<b>Course Type - In Person</b>
BIOL	2890	31320	LN	<i>Using DNA Barcoding to Characterize Zooplankton Communities: Honors</i>	STEM	Donald French	R 1030-1220	<i>DNA barcoding has emerged as a powerful approach for determining which species are present in a specific environment or sample. DNA</i>	<i>Course Type – Hybrid This is an Honors Add-</i>

								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 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.	on Course you MUST also take BIOL 1604 ANY BIOL 1114 ANY
BIOL	2890	25199	LN	Using Nutritional Ecology to Link Physiology, Behavior, & Ecology: Honors	STEM	Shawn Wilder	W 0930-1015	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?).	Course Type - In Person This is an Honors Add-on Course you MUST also take BIOL 1114 ANY CRN
BIOL	3890	25166		Evolutionary Medicine and the Human Body: Honors	STEM	Mary Towner	M 1230-1315	Evolutionary Medicine and the Human Body is an Add-on for Human Anatomy BIOL 3214	Course Type - In Person This is an Honors Add-on Course you MUST also take BIOL 3214 ANY CRN
BIOL	3890	25142		Physiology: Honors	STEM	Will Wiggins	M 1630-1715	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.	Course Type - On-Line This is an Honors Add-on Course you MUST also take BIOL 3204 ANY CRN
BIOL	3890	31321		Using DNA Barcoding to Characterize Zooplankton Communities: Honors	STEM	Donald French	R 1030-1220	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	Course Type - Hybrid This is an Honors Add-on Course you MUST also take BIOL 3023 ANY

								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.	
CHEM	2890	30977	LN	Chemical Demonstration: Honors	STEM	Nicholas Materer	M 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)	Course Type - In Person This is an Honors Add-on Course you MUST also take CHEM 1314 ANY CRN CHEM 1515 ANY CRN
CHEM	2890	28276	LN	Everyday Chemistry: Honors	STEM	Gabriel Cook	W 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)	Course Type - In Person This is an Honors Add-on Course you MUST also take Chem 1314 ANY CRN CHEM 1515 ANY CRN
CHEM	2890	28277	LN	Story of Elements with Fun Chemical Experiments: Honors	STEM	Smita Mohanty	T 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)	Course Type - In Person This is an Honors Add-on Course you MUST also take CHEM 1314 ANY CRN CHEM 1515 ANY CRN
CHEM	2890	28279	LN	The Story of Chemistry: From the Periodic Table to Nanotechnology: Honors	STEM	Reza Latifi	W 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)	Course Type - On-Line This is an Honors Add-on Course you MUST also take CHEM 1314 ANY CRN CHEM 1515 ANY CRN
CHEM	3890	30978		Contemporary Issues in Chemistry and Biochemistry: Honors	STEM	Allen Ablett	T 1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)	Course Type - In Person This is an Honors Add-on Course you MUST also take CHEM 3053 ANY CRN CHEM 3153 ANY CRN
CHEM	3890	28278		Group Theory and Organic Molecules: Honors	STEM	Charles Weinert	M 1630-1720	Add-on for either Chem 1515 or Chem 3954	Course Type - On-Line This is an Honors Add-on Course you MUST also take CHEM 1515 ANY CRN CHEM 3053 ANY CRN
CS	4743	27310		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	Course Type - In Person

								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	25034		Microeconomic Principles for Business: Honors	Social Sciences	William McLean	T 1630-1745	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.	Course Type - Hybrid
ECON	2103	30910	S	Introduction to Microeconomics: Honors (S)	Social Sciences	Bill McLean	R 1630-1745	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.	Course Type - Hybrid
ECON	2203	20695		Introduction to Macroeconomics: Honors	Social Sciences	Wenyi Shen	T 1030-1145	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.	Course Type - Hybrid
<a href="#">EEE</a>	<a href="#">4010</a>	<a href="#">26648</a>		<a href="#">Entrepreneurial Value Creation in Society: Honors</a>	<a href="#">Social Sciences</a>	<a href="#">Per Bylund</a>	<a href="#">F 0930-1015</a>	<a href="#">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 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</a>	<a href="#">Course Type - Hybrid This Course can be used to meet the Honors Seminar Requirement</a>

								<u>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>4010</u>	<u>31104</u>		<u>Entrepreneurial Value Creation in Society: Honors</u>	<u>Social Sciences</u>	<u>Per Bylund</u>	<u>F 1030-1115</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, 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>	<u>Course Type - Hybrid This Course can be used to meet the Honors Seminar Requirement</u>
ENGL	1413	20942	CORE	Critical Analysis and Writing II: Honors	Humanities		MWF 0930-1015	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.	Course Type - On-Line

ENGL	1413	20943	CORE	Critical Analysis and Writing II: Honors	Humanities		MWF 1330-1415	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.	Course Type - On-Line
ENGL	1413	20940	CORE	Critical Analysis and Writing II: Honors	Humanities	Ryan Slesinger	TR 1330-1445	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.	Course Type - In Person
ENGL	1413	20944	CORE	Critical Analysis and Writing II: Honors	Humanities	Heidi Cephus	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.	Course Type - In Person

ENGL	2413	20956	DH	Conversations in Literature: Honors (DH)	Humanities	Richard Sears	MWF 1030-1115	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.	Course Type - In Person
ENGL	2413	20957	DH	Conversations in Literature: Honors (DH)	Humanities	Ryan Slesinger	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.	Course Type - In Person
ENGL	2413	20958	DH	Conversations in Literature: Honors (DH)	Humanities	Shawn Hall	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.	Course Type - On-Line
<a href="#">ENGL</a>	<a href="#">3123</a>	<a href="#">28145</a>	<a href="#">H</a>	<a href="#">Mythology: Honors (H)</a>	<a href="#">Humanities</a>	<a href="#">Cynthia Rogers</a>	<a href="#">TR 0900-1015</a>	<a href="#">Myths, their cultural context, and their place in world literature.</a>	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>
ENGR	1412	20988		Introductory Engineering Computer Programming: Honors	STEM	Jennifer Glenn	T 1330-1415	Programming to solve problems typical of practice in engineering. Techniques and methods.	Course Type - In Person
ENGR	1412	21005		Introductory Engineering Computer Programming: Honors	STEM	Jennifer Glenn	T 1330-1415	Programming to solve problems typical of practice in engineering. Techniques and methods.	Course Type - In Person
ENSC	2113	21026		Statics: Honors	STEM	Carisa Ramming	MWF 0930-1015	Resultants of force systems, static equilibrium of rigid bodies, statics of structures, and fluid statics. Shear and moment diagrams.	Course Type - In Person
ENSC	2113	21027		Statics: Honors	STEM	Carisa Ramming	MWF 0930-1015	Resultants of force systems, static equilibrium of rigid bodies, statics of structures, and fluid statics. Shear and moment diagrams.	Course Type - In Person
ENSC	2143	21058		Strength of Materials: Honors	STEM	Robert Emerson	MWF 1230-1315	Bending moments, deformation and displacement in elastic and plastic deformable bodies. Axial, torsional and shear loads. Buckling stress transformations and combined loads.	Course Type - In Person
<i>ENTO</i>	<i>4400</i>	<i>21093</i>	<i>N</i>	<i>Honors Insects &amp; Society</i>	<i>STEM</i>	<i>William Hoback</i>	<i>R 1500-1545</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</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take ENTO 2003 ANY CRN</i>

								<i>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. 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>	
<a href="#">FFP</a>	<a href="#">2613</a>	<a href="#">27522</a>	<a href="#">DS</a>	<a href="#">Financial Perspectives: Honors (DS)</a>	<a href="#">Social Sciences</a>	<a href="#">Katherine Mielitz</a>	<a href="#">TR 0900-1015</a>	<a href="#">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.</a>	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>
<a href="#">GEOL</a>	<a href="#">2890</a>	<a href="#">27249</a>	<a href="#">LN</a>	<a href="#">Earth Resources: Honors</a>	<a href="#">STEM</a>	<a href="#">Brendan Hanger</a>	<a href="#">W 1530-1615</a>	<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 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>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take GEOL 1114 ANY CRN</i>
<a href="#">HDFS</a>	<a href="#">3123</a>	<a href="#">27528</a>	<a href="#">S</a>	<a href="#">Parenting: Honors (S)</a>	<a href="#">Social Sciences</a>	<a href="#">Amanda Harrist</a>	<a href="#">TR 1030-1145</a>	<a href="#">This course is designed to expose upper-level students to the complexities of parenting across the lifespan, with special emphasis on the bi-directional and systemic nature of the parent-child relationship. Thus, parenting will be viewed as being affected by individual child characteristics as well as being embedded in larger family, school, neighborhood, workplace, and community systems. This is a General Education "S" course.</a>	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>



<u>HDFS</u>	<u>3203</u>	<u>29350</u>	<u>I</u>	<u>Children's Play: A World Perspective (I): Honors</u>	<u>Social Sciences</u>	<u>Emily McKenzie</u>	<u>MW 1600-1715</u>	<u>Children's Play: A World Perspective (I): Honors - What are your earliest memories of play? How did your play shape you as an individual? How did your environment shape your play? Have you considered how that differs from other cultures? Play is a reflection of a child's environment; their geographic environment, their economic environment and their cultural environment. We will explore the similarities and differences of cultures around the world through the lens of play. This course is an opportunity to expand your worldview, while considering the ways that cultural beliefs about childhood and education, religion, economic forces and access to resources drive child development through play.</u>	<u>Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</u>
<i>HIST</i>	<i>3980</i>	<i>28154</i>	<i>CORE or HI</i>	<i>Third Reich: Honors</i>	<i>Humanities</i>	<i>Jason Lavery</i>	<i>T 1200-1250</i>	<i>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) HIST 3473 British Empire and Commonwealth of Nations</i>	<i>Course Type - On-Line This is an Honors Add-on Course you MUST also take HIST 1103 ANY CRN HIST 1493 ANY CRN HIST 3333 ANY CRN</i>
<u>HONR</u>	<u>1000</u>	<u>25210</u>		<u>Exploring the Medical Profession through an Osteopathic Perspective</u>	<u>STEM</u>	<u>Jeffrey Hackler</u>	<u>M 1230-1315</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</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>

								creating pathways for students to practice medicine in rural and underserved communities. This class is suitable for any student interested in pursuing a career in medicine.	
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">21401</a>		<a href="#">Future of Veterinary Medicine: Honors</a>	<a href="#">Social Sciences</a>	<a href="#">Christopher Ross</a>	<a href="#">T 1500-1545</a>	<a href="#">Future of Veterinary Medicine</a> This seminar will focus on career opportunities for veterinarians in the 21st century. Veterinarians from several career areas will discuss with students the opportunities and training programs available to prospective veterinarians. Contemporary issues facing the profession will also be discussed.	<a href="#">Course Type - In Person</a> This Course can be used to meet the <a href="#">Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">27817</a>	<a href="#">N</a>	<a href="#">Global Warming and Human Use of Earth: Honors</a>	<a href="#">STEM</a>	<a href="#">Stephen Hallgren</a>	<a href="#">MWF 0930-1015</a>	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 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.	<a href="#">Course Type - In Person</a> Course can be used to meet the <a href="#">Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">26289</a>		<a href="#">Judging U: A Practicum in Science Fairs: Honors</a>	<a href="#">STEM</a>	<a href="#">Julie Angle</a>	<a href="#">T 1845-2130</a>	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 <a href="#">KS-NE-OK Regional Junior Science and Humanities Symposium</a> (Feb 26-27, 2020), and the <a href="#">Oklahoma State Science and Engineering Fair</a> (March 25-27, 2020). Students organize each event, select event items (i.e. t-shirts, trophies,	<a href="#">Course Type - Hybrid</a> This Course can be used to meet the <a href="#">Honors Seminar Requirement</a>

								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.	
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">26308</a>		<a href="#">Principled Negotiation for Everyone</a>	<a href="#">Social Sciences</a>	<a href="#">William Holmes</a>	<a href="#">TR 0900-0945</a>	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 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.	<a href="#">Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">31436</a>		<a href="#">Research as a foreign language for future health professionals: Honors</a>	<a href="#">STEM</a>	<a href="#">Jillian Joyce</a>	<a href="#">M 1430-1515</a>	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.	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">31372</a>		<a href="#">Science and the Movies</a>	<a href="#">STEM</a>	<a href="#">Udaya Desilva</a>	<a href="#">M 1330-1615</a>	Science and the Movies - There have been numerous movies that pose interesting	<a href="#">Course Type - In Person This Course can be used to meet the</a>

								questions about the intersection of science with society. We will view some of these movies (eg. <a href="#">Inherit the Wind</a> , <a href="#">2001-A Space Odyssey</a> , 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.	<a href="#">Honors Seminar Requirement</a> [Note: CRN 30758 meets only for the first half of the semester. Students wishing to take this seminar for two credit hours should enroll in <a href="#">HONR 1000 CRN 31373</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">31373</a>		<a href="#">Science and the Movies</a>	<a href="#">STEM</a>	<a href="#">Udaya Desilva</a>	<a href="#">M 1330-1615</a>	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. <a href="#">Inherit the Wind</a> , <a href="#">2001-A Space Odyssey</a> , 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.	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">30764</a>		<a href="#">The Supreme Court: Honors</a>	<a href="#">Social Sciences</a>	<a href="#">Robert Spurrier Jr</a>	<a href="#">TR 1030-1145</a>	This will be a "live" and interactive on-line seminar utilizing Canvas, and regular daily attendance will be necessary for you to be successful. In this seminar you will examine the <a href="#">United States Supreme Court</a> in terms of its <a href="#">institutional development</a> , the <a href="#">historic contributions</a> of a number of key individual justices, and several major doctrinal areas in <a href="#">constitutional law</a> . In addition to textbook readings about the Court (both how the justices have functioned and the locations in which the Court has been housed over more than two hundred years), you will be reading and briefing some edited decisions of the Court on major constitutional topics. The <a href="#">internal workings</a> of the Court will be explored along with some of the struggles between the Court and the larger political environment in which by necessity it must operate. A number of recorded interviews with current Supreme Court Justices will make up a part of the assignments for the seminar to allow you to assess their differing approaches to constitutional and statutory interpretation as well as to gain insight into their respective personalities.	<a href="#">Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</a>
<a href="#">HONR</a>	<a href="#">1000</a>	<a href="#">28405</a>		<a href="#">They Wouldn't Put It on the Internet if It's Not True:</a>	<a href="#">Social Sciences</a>	<a href="#">Holly Luetkenhaus</a>	<a href="#">TR 1330-1445</a>	This course provides an overview of essential concepts and skills needed for success in navigating an increasingly uncertain and	<a href="#">Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</a>

				<u>Information Literacy in Post-Truth Era: Honor</u>				<u>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 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>30765</u>		<u>Windows to the World: Honors</u>	<u>Social Sciences</u>	<u>Robert Graalman</u>	<u>T 1630-1715</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>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>

<u>HONR</u>	<u>1103</u>	<u>27813</u>	<u>S</u>	<u>The US Presidency (as seen on TV) (S)</u>		<u>John McGuire</u>	<u>TR 1330-1445</u>	<u>This Honors course will focus on the relationship between the U.S. Presidency and the media, starting from the Roosevelt administration. The course also examines the unique communication opportunities Presidents (and those seeking the office) can utilize, from news conferences to debates. Special consideration will be given to the impact of new and social media and whether it is diminishing the impact of television on coverage of the office. The course will also cover the role of polling in coverage of the modern presidency and how students can become more "poll literate" about the avalanche of polling results, particularly in election years. The course concludes with an examination of how Presidents (real and fictional) are part of the entertainment realm of media.</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>1113</u>	<u>27812</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, 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.</u>	<u>Course Type - Hybrid This Course can be used to meet the Honors Seminar Requirement</u>

								<u>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>	
<u>HONR</u>	<u>1503</u>	<u>27815</u>	<u>N</u>	<u>Integrative Biology: The Mind (N)</u>	<u>STEM</u>	<u>Jason Bruck</u>	<u>W 1900-2145</u>	<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 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 intertwine 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>	<u>Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2023</u>	<u>30762</u>	<u>DS</u>	<u>Constitutional Dimensions of Diversity (DS)</u>	<u>Social Sciences</u>	<u>Robert Spurrier Jr</u>	<u>TR 0900-1015</u>	<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</u>	<u>Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</u>

								<p><u>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 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). 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.</u></p>	
<u>HONR</u>	<u>2073</u>	<u>27814</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 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>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2083</u>	<u>30928</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>This class will study flash fiction as a vehicle for exploring diversity in contemporary life. Flash fiction is characterized primarily by its length—or lack thereof: typically, the term refers to stories of 1,000 words or less. In this class, we'll read contemporary examples of the form by practitioners from diverse</u></p>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>



								backgrounds, focusing specifically on the ability of the genre to engage with complex social issues. In particular, we'll look at flash fiction that negotiates issues pertaining to gender, race, ethnicity, religion, age, orientation, etc. in American society. A highly accessible genre with wide-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 primarily via required posts to a course blog rather than through formal extended essays. The course will also be skills-based, cultivating analytical ability of use to students in all areas of study.	
<u>HONR</u>	<u>2303</u>	<u>27811</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>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2323</u>	<u>30759</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 1030-1115</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>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2423</u>	<u>30760</u>	<u>H</u>	<u>The Middle Ages and Renaissance (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 Middle Ages to the early Renaissance. 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 2113.</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>

<u>HONR</u>	<u>2423</u>	<u>30761</u>	<u>H</u>	<u>The Middle Ages and Renaissance (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 Middle Ages to the early Renaissance. 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 2113.</u>	<u>Course Type - On-Line This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2423</u>	<u>30926</u>	<u>H</u>	<u>The Middle Ages and Renaissance (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 Middle Ages to the early Renaissance. 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 2113.</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<u>HONR</u>	<u>2503</u>	<u>24871</u>		<u>Confronting Pseudoscience: Honors</u>	<u>STEM</u>	<u>Keith Garbutt</u>	<u>M 1900-2145</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 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>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>
<i>HONR</i>	<i>2890</i>	<i>31314</i>	<i>H</i>	<i>EDM Electronic Dance Music: Honors</i>	<i>Humanities</i>	<i>Mark Perry</i>	<i>M 1430-1515</i>	<i>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 DJing. The instructor specializes in EDM and is a DJ.</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MUSI 2573 ANY CRN</i>
<i>HONR</i>	<i>2890</i>	<i>31316</i>	<i>HI</i>	<i>Head &amp; Heart in Relation to Human Religious Experience</i>	<i>Humanities</i>	<i>Doren Recker</i>	<i>R 1500-1545</i>	<i>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)</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take RELG 1103 ANY CRN</i>

								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 their own examples, and to connect material covered here to the other religions discussed in the course.	
HONR	2890	31315		Honors Video Game Development	STEM	Douglas Heisterkamp	-	Add-on For Video Game Development CS 4173	Course Type - Other This is an Honors Add-on Course you MUST also take CS 4173 ANY GRN
HONR	2890	31435		Stuff OSU Should Know - A Students? Podcast of OSU History and Culture: Honors		Seth Wood	W 1330-1415	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 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. ~f	Course Type - In Person This is an Honors Add-on Course you MUST also take ENGL AP, IB, Concurrent For Concurrent or OSU ENGL 1213 you must have a grade of A or B
<u>HONR</u>	<u>3053</u>	<u>21427</u>	<u>DH</u>	<u>Biology, Race, and Gender: Honors (DH)</u>	<u>Humanities</u>	<u>Doren Recker</u>	<u>MWF 1330-1415</u>	<u>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.</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement This class is restricted to students with Junior or Senior standing in the Honors College.</u>
<u>HONR</u>	<u>3063</u>	<u>30758</u>		<u>Jane Austen: Life, Art, and Influence</u>	<u>Humanities</u>	<u>Edward Jones</u>	<u>MW 1430-1545</u>	<u>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</u>	<u>Course Type - In Person This Course can be used to meet the Honors Seminar Requirement</u>

								<u>on those novelists who followed her.</u> <u>Prerequisite(s): Honors College participation</u> <u>and concurrent enrollment in a designated</u> <u>course.</u>	
MATH	2890	31241	A	Honors Topics in Business Calculus	STEM	Detelin Dosev	T 0900-1015	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.	Course Type - In Person This is an Honors Add-on Course you MUST also take MATH 2103 ANY CRN
MATH	2890	31271		Numerical Approaches to Differential Equations: Honors	STEM	Xu Zhang	T 1330-1415	Differential equations are a central tool for applying mathematics to the real world. For many important differential equations it is not possible to write a formula for the solutions and so other approaches have to be used. This class will discuss numerical methods, which allow us to approximate solutions and estimate the error in our approximations even when no formula can be found. The course will cover Euler's method, Taylor's method, the Runge-Kutta method, and multistep methods for first-order differential equations. We will then apply these methods to higher-order equations and to systems of equations. Students should be able to write simple programs in a computer language (preferably MATLAB).	Course Type - On-Line This is an Honors Add-on Course you MUST also take MATH 2233 ANY
MATH	4063	21604		Advanced Linear Algebra: Honors	STEM	Anthony Kable	MWF 1430-1515	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.	Course Type - On-Line
MATH	4153	21606		Advanced Calculus II: Honors	STEM	Leticia Barchini	MWF 1030-1115	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.	Course Type - On-Line

MATH	4623	21614		Abstract Algebra II: Honors	STEM	Anand Patel	MWF 0930-1015	Continuation of MATH 4613. A rigorous treatment of ring theory including ideals, homomorphism, unique factorization domains, principal ideal domains, modules and vector spaces. Field theory and Galois theory. Honors and regular sections are offered and meet with MATH 5013.	Course Type - On-Line
MICR	2890	28680		<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 that allows students to sequence the genomes of microbes they "discover" in nature as part of Intro Lab</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MICR 2132 ANY CRN</i>
MICR	2890	24689	LN	<i>Introduction to Microbiology: Honors</i>	STEM	Matthew Cabeen	F 0930-1015	<i>Honors Add-on for MICR 2133 Introduction to Microbiology</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MICR 2133 ANY CRN</i>
MICR	3890	24691		<i>Advanced Cell and Molecular Biology: Honors</i>	STEM	Wouter Hoff	W 1330-1415	<i>Add-on for MICR 4233 Advanced Cell and Molecular Biology</i>	<i>Course Type - On-Line This is an Honors Add-on Course you MUST also take MICR 42333 21659</i>
MICR	3890	30724		<i>Advanced Honors Experience in Microbiology</i>	STEM	Randy Morgenstein	M 1330-1415	<i>Add-on Course for Advanced Microbiology MICR 3223</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MICR 3223 21653</i>
MICR	3890	25291		<i>Immunology: Honors</i>	STEM	Karen Wozniak	F 1330-1415	<i>Add-on to Immunology</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MICR 3253 21654</i>
MICR	3890	25196		<i>Pathogenic Microbiology: Honors</i>	STEM	Erika Lutter	F 1230-1315	<i>Add-on to Pathogenic Microbiology MICR 4053</i>	<i>Course Type - In Person This is an Honors Add-on Course you MUST also take MICR 4053 ANY CRN</i>
MKTG	3213	21714	S	Marketing: Honors (S)	Social Sciences	Joshua Wiener	TR 0900-1015	Marketing strategy and decision-making. Consumer behavior, marketing institutions, competition and the law.	Course Type - On-Line
NSCI	2114	21926	N	Principles of Human Nutrition: Honor (N)	STEM	Edralin Lucas	MWF 1330-1415	Functions of the nutrients in human life processes. Nutrient relationship to health as a basis for food choices.	Course Type - In Person
NSCI	2114	21927	N	Principles of Human Nutrition: Honor (N)	STEM	Dingbo Lin	MWF 1030-1115	Functions of the nutrients in human life processes. Nutrient relationship to health as a basis for food choices.	Course Type - In Person
NSCI	3440	23909		Nutritional Sciences Pre-Professional Experience: Honors	STEM	Catherine Palmer	-		Course Type - On-Line
PHIL	1313	27179	A	Logic and Critical Thinking (A): Honors	STEM	Christopher Drohan	MWF 1230-1315	Formal and informal reasoning, common fallacies, definitions and language functions, patterns of explanation. Practical criticism and development of everyday arguments.	Course Type - On-Line
PHYS	2890	25761	LN	<i>Honors Experience PHYS 1114</i>	STEM	Joseph Haley	T 1500-1545	<i>Add-on for College Physics PHYS 1114</i>	<i>Course Type - On-Line This is an Honors Add-on Course you MUST also take PHYS 1114 ANY CRN</i>

PHYS	2890	24796	LN	Honors Experience PHYS 2014	STEM	Yingmei Liu	M 1130-1215	Add-on to General Physics PHYS 2014	Course Type - On-Line This is an Honors Add-on Course you MUST also take PHYS 2014 ANY CRN
PHYS	2890	24797	LN	Honors Experience PHYS 2114	STEM	Mario Borunda	W 1030-1115	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.	Course Type - On-Line This is an Honors Add-on Course you MUST also take PHYS 2114 ANY CRN
PLNT	4470	22259		Honor Intro Plant Soil System	STEM	Beatrix Haggard	R 1500-1545	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", 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.	Course Type - On-Line This is an Honors Add-on Course you MUST also take PLNT 1213 22233
POLS	2890	24811	CORE	Electoral Politics: Honors	Social Sciences	Danny Adkison	M 1230-1315	Add-on for POLS 1113 American Government	Course Type - In Person This is an Honors Add-on Course you MUST also take POLS 1113 ANY CRN
POLS	2890	24812	CORE	Electoral Politics: Honors	Social Sciences	Danny Adkison	W 1230-1315	Add-on for POLS 1113 American Government	Course Type - In Person This is an Honors Add-on Course you MUST also take POLS 1113 ANY CRN
PSYC	2890	31225	S	Individual Differences in Development: Honors	Social Sciences	Sarah Kucker	T 1200-1245	This course will investigate how individual development, while similar across humans, also incorporates multiple individual pathways. While many pathways are successful, there are others pathways that lead to more atypical outcomes. We will take a critical eye to general developmental trends by examining how individual variability plays in to motor, cognitive, and social learning trajectories with an emphasis on childhood.	Course Type - On-Line This is an Honors Add-on Course you MUST also take PSYC 2583 27231

PSYC	2890	28289	S	Psychological Issues in Video Games: Honors	Social Sciences	Shawn Rose	W 1130-1215	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.	Course Type - On-Line This is an Honors Add-on Course you MUST also take PSYC 1113 ANY CRN PSYC 2313 ANY CRN
PSYC	2890	24720	S	Thinking Traps that Affect Your Life: Honors	Social Sciences	Tony Wells	W 1530-1615	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.	Course Type - In Person This is an Honors Add-on Course you MUST also take PSYC 1113 ANY CRN
SOC	2890	30684	S	Introductory Sociology: Honors (S)	Social Sciences	Monica Whitham	T 1200-1250	Add-on to Introduction to Sociology 1113	Course Type - In Person This is an Honors Add-on Course you MUST also take SOC 1113 ANY CRN
SPCH	2890	24859	S	Honors Experience in Speech	Social Sciences	Mary Walker	W 1330-1415	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.	Course Type - In Person This is an Honors Add-on Course you MUST also take SPCH 2713
STAT	2890	25798	A	Honors Experience in Statistics	STEM	Robert Molnar	F 1530-1615	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.	Course Type - In Person This is an Honors Add-on Course you MUST also take STAT 2013 ANY CRN STAT 2023 STAT 2053
TH	3633	21175	DH	Diverse American Drama: Honors (DH)	Humanities	Andrew Kimbrough	TR 1630-1745	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.	Course Type - In Person