

Fall 2020 Courses with Add-ons 5/27/2020 Draft 6

Parent Course						Add-on Course						
Subject	Course	CRN	Gen Ed	Honors Area	Course Title	Subject	Course	CRN	Add-on Title	Instructor	Time	Description
AGEC	1113	ANY	S	Social Sciences	Introduction to Agricultural Economics	AGEC	2990	63456	Deeper Analysis of AGECE Issues: Honors	Rodney Jones	R1400-1450	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.
AMST	2103	ANY	DH	Humanities	Introduction to American Studies	AMST	3980	69818	Race and Religion in America: Honors	Richard Boles	R1230-1320	This class examines and discusses the complex intersections of religion, racial identities, and racism in the United States from the colonial period to the present. In what ways are Americans' skin color, culture, ethnicity, and religious practices connected? What roles did religion play in the creation of America's racial categories and racism, and how has religion sometimes bridged barriers of race and ethnicity in America?
ANSI	1124	ANY		STEM	Introduction to Animal Science	ANSI	4900	60155	Introduction to Animal Science: Honors	Daniel Stein	F1430-1520	Introduction to Animal Science: Honors - Honors add-on for first year Animal Science Majors only
ANSI	2233	ANY		STEM	The Meat We Eat	ANSI	4900	60151	Retail/Food Service Meat Value: Honors	Gretchen Mafi	R1430-1520	Retail / Food Service Meat Value: Honors - Students will evaluate meat cuts of different value offered in grocery stores and restaurants. Quality and

												<p>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.</p>
ANSI	2253	69008		STEM	Meat Animal and Carcass Evaluation	ANSI	4900	60151	Retail/Food Service Meat Value: Honors	Gretchen Mafi	R 1430-1520	<p>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</p>

												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.
ANSI	3423	ANY		STEM	Animal Genetics	ANSI	4900	60153	You and Your Genome: Honors	Udaya Desilva	F1330-1420	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.

ANSI	3423	ANY		STEM	Animal Genetics	ANSI	4900	68689	You and Your Genome: Honors	Udaya Desilva	F1430-1520	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.
ANSI	3543	ANY		STEM	Principles of Animal Nutrition	ANSI	4900	60154	Honors Principle of Animal Nutrition	Adel Pezeshki	F1430-1520	Honors Add-on to Principles of Animal Nutrition
ANTH	1353	66283	S	Social Sciences	Introduction to Anthropology	SOC	2890	66795	Introduction to Anthropology: Honors Lecture	Stephen Perkins	Two Saturdays	Students will be required as a group to participate in two Saturday field trips to Oklahoma museums accompanied by the course instructor (free transportation will be provided). Each field trip will involve visiting exhibits relevant to

												anthropological topics discussed in class to gather information for the purpose of writing a five page essay. The two essays will combine museum information with several selected readings so that students can explain in more detail the significance of the exhibits visited.
ARCH	1112	ANY		STEM	Introduction to Architecture	ARCH	2890	70144	Honors Seminar in Introduction to Architecture	Suzanne Bilbeisi	W1030-1120	Seminars examining current issues in architecture and architectural engineering.
BIOL	AP, IB or credit		N	STEM	AP, IB or Concurrent Credit for Introductory Biology	HONR	2890	70170	Nature's Assassins: Honors	Keith Garbutt	T1530-1620	The Naturalistic Fallacy is that if it is natural it is good - this could not be more false as in general nature is actually trying to kill you or, at the very least hurt you badly. In this course we will look at plants, animals and fungi that treat humans as food, incubators, homes or have potentially lethal defenses to stop us hurting them. WARNING this course is not for the weak of stomach it will get gory! This course will allow students who have taken AP or IB or Concurrent classes in Biology and who have been awarded OSU credit for Biology 1414 to convert that credit to Honors credit (Please note for concurrent classes you must have received an A or B in the concurrent class in order to receive Honors credit).

BIOL	AP, IB Or Credit		N	STEM	AP, IB, Concurrent Credit or OSU credit for Introductory Biology	HONR	2890	70166	Nature's Assassins: Honors	Keith Garbutt	W1530-1620	The Naturalistic Fallacy is that if it is natural it is good - this could not be more false as in general nature is actually trying to kill you or, at the very least hurt you badly. In this course we will look at plants, animals and fungi that treat humans as food, incubators, homes or have potentially lethal defenses to stop us hurting them. WARNING this course is not for the weak of stomach it will get gory! This course will allow students who have taken AP or IB or Concurrent classes or have OSU credit in Biology and who have been awarded OSU credit for Biology 1414 to convert that credit to Honors credit (Please note for classes you must have received an A or B in the concurrent class in order to receive Honors credit).
BIOL	1114	ANY	LN	STEM	Introduction to Biology	BIOL	2890	65857	Using Nutritional Ecology to Link Physiology, Behavior, and Ecology: Honors	Shawn Wilder	T1030-1120	This course will explore the challenges animals face in nature while trying to regulate their diet and the ecological consequences of diet regulation behaviors. Discussion topics will include metabolism, diet balancing behaviors, social organization, population ecology, ecosystem ecology, and implications for conservation. Readings will come from peer-reviewed research articles and the book

												"The Nature of Nutrition: A Unifying Framework from Animal Adaptation to Human Obesity" by Stephen Simpson and David Raubenheimer (2012).
BIOL	1114	ANY	LN	STEM	Introduction to Biology	BIOL	2890	66436	The Science & Art of Pollen: Honors	Ming Yang	R1400-1450	This course will explore the biology and beauty of pollen. It will be based on the book "Pollen: The Hidden Sexuality of Flowers" by Rob Kessler and Madeline Harley (2014). This book is a product of a collaboration between an artist and a scientist, which provides a concise scientific content about, and stunning microscopic images of pollen.
BIOL	1114	ANY	LN	STEM	Introduction to Biology	PBIO	2890	67802	Honors: Biology of Biofuels	William Henley	W1430-1520	The Biology of Biofuels - The world is at a crossroads with increasing demand for energy to run the global economy. With most energy still derived from fossil fuels, energy use remains an environmental liability and a national security concern. Biofuels are one potential alternative. What are the environmental implications of fossil fuels vs. biofuels? What are the physiological, ecological and technological barriers to achieving economically viable and environmentally benign biofuels? In discussing these topics, we will integrate biological concepts spanning cellular, organismal and ecological levels of biology.

BIOL	1114	ANY	LN	STEM	Introductory Biology (LN)	BIOL	2890	70740	Using DNA Barcoding to Characterize Zooplankton Communities: Honors	Donald French	R1030-1220	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 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.
BIOL	1604	ANY		STEM	Animal Biology	BIOL	2890	70740	Using DNA Barcoding to Characterize Zooplankton Communities: Honors	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 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.
BIOL	1604	ANY	LN	STEM	Animal Biology	BIOL	2890	70524	Exotic & Invasive Animal Species: Honors	Jesse Balaban Feld	T1230-1320	This is an Honors add-on course associated with BIOL 1604 - Animal Biology. Students will participate in discussion groups focused on issues related to invasive animal species. Prior to each class, students will be expected to complete assigned readings and prepare questions and discussion topics for the group. For each discussion day, various students (determined the week before) will act as discussion leaders. Other than group discussions, students will work together in small groups to complete a variety of creative activities and one Final Project.

BIOL	3034	ANY		STEM	General Ecology	BIOL	3890	70525	Exotic & Invasive Animal Species: Honors	Jesse Balaban Feld	T1230-1320	This is an Honors add-on course associated with BIOL 3034 - General Ecology. Students will participate in discussion groups focused on issues related to invasive animal species. Prior to each class, students will be expected to complete assigned readings and prepare questions and discussion topics for the group. For each discussion day, various students (determined the week before) will act as discussion leaders. Other than group discussions, students will work together in small groups to complete a variety of creative activities and one Final Project.
BIOL	3204	ANY		STEM	Physiology	BIOL	3890	68324	Physiology: Honors	Matteo Minghetti	M1530-1620	Add-on to Physiology BIOL 3204
CHEM	1314	ANY	LN	STEM	Chemistry I (LN)	CHEM	2890	70625	Chemical Demonstrations: Honors	Nicholas Materer	T1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1314	ANY	LN	STEM	Chemistry I (LN)	CHEM	2890	70627	Everyday Chemistry: Honors	Gabriel Cook	W1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1314	ANY	LN	STEM	Chemistry I (LN)	CHEM	2890	70629	The Story of Chemistry: From the Periodic Table to Nanotechnology: Honors	Reza Latifi	T1530-1620	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1314	ANY	LN	STEM	Chemistry I (LN)	CHEM	2890	70630	Story of Elements with Fun Chemical Experiments: Honors	Smita Mohanty	M1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)

CHEM	1515	ANY	LN	STEM	Chemistry II (LN)	CHEM	2890	70625	Chemical Demonstrations: Honors	Nicholas Materer	T 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY	LN	STEM	Chemistry II (LN)	CHEM	2890	70627	Everyday Chemistry: Honors	Gabriel Cook	W 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY	LN	STEM	Chemistry II (LN)	CHEM	2890	70628	The Chemistry of the Main Group Elements: Honors	Charles Weinert	M1530-1620	Honors add-on for Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY	LN	STEM	Chemistry II (LN)	CHEM	2890	70629	The Story of Chemistry: From the Periodic Table to Nanotechnology: Honors	Reza Latifi	T 1530-1620	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY	LN	STEM	Chemistry II (LN)	CHEM	2890	70630	Story of Elements with Fun Chemical Experiments: Honors	Smita Mohanty	M 1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	3053	ANY		STEM	Organic Chemistry I	CHEM	3890	70624	Contemporary Issues in Chemistry and Biochemistry: Honors	Allen Apblett	M1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
CHEM	3053	ANY		STEM	Organic Chemistry I	CHEM	3890	70631	Advanced Honors Experience in Chemistry	Jimmie Weaver	W1530-1620	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
CHEM	3053	ANY		STEM	Organic Chemistry I	CHEM	3890	70632	Advanced Honors Experience in Chemistry	Toby Nelson	W1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
CHEM	3153	62860		STEM	Organic Chemistry II	CHEM	3890	70624	Contemporary Issues in Chemistry and Biochemistry: Honors	Allen Apblett	M 1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)

CHEM	3153	62860		STEM	Organic Chemistry II	CHEM	3890	70631	Advanced Honors Experience in Chemistry	Jimmie Weaver	W 1530-1620	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
CHEM	3153	62860		STEM	Organic Chemistry II	CHEM	3890	70632	Advanced Honors Experience in Chemistry	Toby Nelson	W 1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
ENGL	AP, IB, Concurrent		CORE	Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	71315	Mythology and Folklore in Graphic Novels: Honors	Daniel Morse	R900-1020	Many have argued that superhero stories are our modern myths. But what about the plots, characters, and interactions these stories import from older mythological and folkloric traditions? This course will examine the disparate-and often overlapping-uses of mythology and folklore from around the world in popular comics released by mainstream publishers such as Marvel and DC; critically acclaimed series by writers such as Neil Gaiman, Mike Mignola, and Natasha Alterici; and excerpts from graphic novels that take inspiration from Greek, Norse, Irish, Russian, African, Egyptian, Chinese, Japanese, and Pacific Island lore. Students will think and write critically about contemporary depictions of traditional characters, create their own storyline using elements adapted from myths and/or folktales, and submit papers that explain the choices

												involved in their own mythmaking process.
ENGL	AP, IB, Concurrent		CORE	Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	71316	Mapping this Land: Honors	Ariel Ross	M1430-1520	This course will read the history of the land that comprises Oklahoma by looking at how it has been mapped, or how maps have created its identity. Utilizing the extensive collection of historical maps in the Edmon Low Library's collections, we will trace the mapping of the land in its political designations, from Louisiana Purchase to Indian Territory to State of Oklahoma, and numerous other stages in between. We will consider how maps can reveal the priorities of the societies that produce them, from geological features to natural resources, from weather statistics to military movements. And drawing from sources as diverse as early 20th century survey and allotment maps, the musical mappings of Woody Guthrie, oil and gas leases, and earthquake maps, we will examine how maps inform our way of thinking about and living in a place. As a culminating project, students will eventually produce some type of map of Oklahoma or part of Oklahoma, thinking creatively about what a map can represent, along with an

												essay explaining their cartographic methods and choices.
ENGL	AP, IB, Concurrent		CORE	Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	71317	Stuff OSU Should Know: Podcasting OSU History and Culture: Honors	Seth Wood	W1030-1120	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. 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 construction on campus, Greek Life at OSU, and Homecoming, but students will choose their own desired topics of research and podcasting based on in-class group brainstorming sessions. The semester will commence with a collaborative campaign to review and market the existing episodes of Stuff OSU Should Know and an individual project for which you must follow a podcast and write a review of it with an audience of your peers in mind. In the second half of the semester you will work alone or in a group to create new content for Stuff OSU Should Know. Podcast contributions can take the form of

												composing and reading podcast scripts, or audio editing, visual design, marketing, and other sorts of labor that don't involve listening to your own recorded voice. For instance, one student's workload involved making various visualizations of the podcast's contents, based on discussions we had in class about representation and accessibility. Whatever the reach of the podcast episodes themselves, the creation of them provides 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.
ENTO	2003	ANY	N	STEM	Insects and Society (N)	ENTO	4400	61818	Honors Insects & Society	William Hoback	W1400-1450	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. 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.
GEOG	1113	ANY	IS	Social Sciences	Introduction to Cultural Geography (IS)	GEOG	2890	66453	Honors Experience in Geography: Cultural Geography	Donald Colley	R1400-1515	This one credit-hour honors class will emphasize critical discussion. Accordingly, students will 1) read and discuss additional readings associated with each textbook chapter's theme 2) write short critical reaction papers on additional reading associated with each textbook chapter's theme and 3) do a creative research project based on a theme from the course, presenting that research to the class.(May be taken with any GEOG 1113 section)
GEOL	1114		LN	STEM	Physical Geology (LN)	GEOL	2890	68446	Earth Resources: Honors	Brendan Hanger	W1530-1620	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 GEOL1114. The resources to be covered will include energy, minerals, rocks and those

												<p>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.</p>
HIST	1103	ANY		Humanities	Survey of American History	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T1230-1320	<p>This course examines social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203</p>

													The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	1439	ANY	DH	Humanities	American History Since 1865 (DH)	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T 1230- 1320		This course examine social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500- 1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	1613		H	Humanities	Western Civilization to 1500 (H)	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T 1230- 1320		This course examine social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST

												1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	1623	ANY	VAR	Humanities	Western Civilization after 1500	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T1230-1320	This course examines social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	3203	ANY	H	Humanities	Ancient Greece (H)	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T 1230-1320	This course examines social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH),

													HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	3243	ANY	H	Humanities	Renaissance, 1350-1517 (H)	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T 1230-1320		This course examines social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
HIST	3383	ANY	H	Humanities	Tudor-Stuart England (H)	HIST	3980	64480	Pandemics Then and Now: Honors	Emily Graham	T 1230-1320		This course examines social and cultural reactions and changes as a result of both the medieval Black Death and its recurrences, and ask students to reflect on corresponding reactions and changes seen in 2020 as a result of the coronavirus' spread. HIST 1103 Survey of American

												History, HIST 1493 American History Since 1865 (DH), HIST 1613 Western Civilization to 1500 (H), HIST 1623 Western Civilization after 1500 (H), HIST 3203 The Medieval World, 500-1500 (H), HIST 3243 Renaissance, 1350-1517 (H), HIST 3383 Tudor-Stuart England (H)
MATH	Any 2000	Any	A	STEM	2000-level MATH class	MATH	2890	70605	Number "Tricks" in Everyday Life: Honors	Christopher Francisco	W1030-1120	We'll explore common "tricks" with numbers in a variety of contexts, ranging from games and annoying e-mail forwards to processing credit cards and detecting election fraud. Along the way, we'll learn some elementary number theory, abstract algebra, and probability. Any 2000-level MATH class or 3000-level MATH class below MATH 3613 (or by permission of instructor).
MATH	2103	ANY	A	STEM	Business Calculus (A)	MATH	2890	70608	Honors Topics in Business Calculus	Detelin Dosev	T0900-1015	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. (requires concurrent enrollment in MATH 2103)
MATH	2144 or above	ANY	A	STEM	Any MATH course at or above the level of MATH 2144.	MATH	2890	70606	Games of Strategy: Contract Bridge: Honors	Lisa Mantini	M1600-1715	In this course we will learn the basics of playing Contract Bridge, the best game of strategy in the world! This card game is played in two phases: the bidding phase, which is an auction in which we describe our hand to our partner, and the play, in which we try to win as many tricks as we contracted to win during the auction. The bidding language is abstract and requires critical thinking to understand the rules and apply them correctly. The play of the cards requires the ability to count what's been played, enumerate options, and make decisions. Students will learn to analyze card positions and think strategically. Add-on for any MATH course at or above the level of MATH 2144.
MATH	2144 or above	ANY	A	STEM	Any MATH course at or above the level of MATH 2144.	MATH	2890	70607	Games of Strategy: Contract Bridge: Honors	Jeffrey Mermin	W1600-1715	In this course we will learn the basics of playing Contract Bridge, the best game of strategy in the world! This card game is played in two

													phases: the bidding phase, which is an auction in which we describe our hand to our partner, and the play, in which we try to win as many tricks as we contracted to win during the auction. The bidding language is abstract and requires critical thinking to understand the rules and apply them correctly. The play of the cards requires the ability to count what's been played, enumerate options, and make decisions. Students will learn to analyze card positions and think strategically. Add-on for any MATH course at or above the level of MATH 2144.
MATH	2144 or above	ANY	A	STEM	MATH 2144 or above	MATH	2890	70872	Mathematical Visualization: Honors	Michael Oehrtman	W1600-1650		Solve difficult optimization problems with elegant geometry. Explore the beauty and power of the complex numbers. Think in 4, 5,... n,... or even infinite dimensions. We will develop techniques to visualize and understand abstract mathematical concepts, tools, and proofs in both pure and applied mathematics.
MATH	ANY 3000<3613	ANY		STEM	3000-level MATH class below MATH 3613	MATH	2890	70605	Number "Tricks" in Everyday Life: Honors	Christopher Francisco	W 1030-1120		We'll explore common "tricks" with numbers in a variety of contexts, ranging from games and annoying e-mail forwards to processing credit cards and detecting election fraud. Along the way, we'll learn some elementary number theory, abstract algebra, and

												probability. Any 2000-level MATH class or 3000-level MATH class below MATH 3613 (or by permission of instructor).
MICR	2044	ANY		STEM	Cell and Molecular Biology	MICR	3890	65649	Cell and Molecular Biology: Honors	Rolf Prade	W1430-1520	Add-on for MICR 3033 Cell and Molecular Biology.
MICR	2123	61774		STEM	Introduction to Microbiology	MICR	2890	65648	Introduction to Microbiology: Honors	Noha Youssef	F0930-1020	Honors Add-on for Introduction to Microbiology MICR 2123 CRN 61774
MICR	2123	67640		STEM	Introduction to Microbiology	MICR	2890	70087	Introduction to Microbiology: Honors	Garry Marley	F0930-1020	Honors Add-on for Introduction to Microbiology MICR 2123 CRN 67640
MICR	3223	61861		STEM	Advanced Microbiology	MICR	3890	65650	Advanced Microbiology: Honors	Mostafa Elshahed	M1330-1420	Add-on to Advanced Microbiology MICR 3223.
MICR	4253	61915		STEM	Concepts in Medical Genetics	MICR	3890	65651	Concepts in Medical Genetics: Honors	Jeff Hadwiger	F1330-1420	Add-on to Concepts in Medical Genetics MICR 4253.
MUSI	2573	ANY	H	Humanities	Introduction to Music (H)	HONR	2890	70172	EDM Electronic Dance Music: Honors	Mark Perry	M1430-1520	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 DJing. The instructor specializes in EDM and is a DJ.
PHYS	1114	ANY	LN	STEM	College Physics I (LN)	PHYS	2890	65592	Honors for PHYS1114	Joseph Haley	T1230-1320	Add-on for PHYS 1114 College Physics I (LN)
PHYS	2014	ANY	LN	STEM	University Physics I (LN)	PHYS	2890	65589	Honors for PHYS2014	Mario Borunda	T1400-1450	Add-on for PHYS 2014 University Physics I (LN)
PHYS	2114	ANY	LN	STEM	Title: University Physics II (LN)	PHYS	2890	65631	Honors for PHYS 2114	David McIlroy	T0900-0950	Add-on For Phys 2114 Title: University Physics II (LN)
PHYS	2114	ANY	LN	STEM	University Physics II (LN)	PHYS	2890	65634	Honors for PHYS2114	Flera Rizatdinova	M0930-1020	Add-on for PHYS 2114 University Physics II (LN)

PLNT	1213	ANY		STEM	Introduction to Plant and Soil Systems	PLNT	4470	64735	Introduction to Plant and Soil Systems: Honors	Beatrix Haggard	R1400-1450	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.
POLS	1113	ANY	CORE	Social Sciences	American Government	POLS	2890	65498	The Death of Democracy: Honors	Danny Adkison	T0900-1015	Add-on to American Government - POLS 1113.
POLS	1113	ANY	CORE	Social Sciences	American Government	POLS	2890	65502	The Death of Democracy: Honors	Danny Adkison	R0900-1015	Add-on to American Government - POLS 1113.
POLS	1113	ANY	CORE	Social Sciences	American Government	POLS	2890	66262	Weird Democracy: US Politics in a Global Perspective: Honors	Holley Hansen	M1230-1320	Add-on to American Government - POLS 1113.
POLS	1113	ANY	CORE	STEM	American Government	POLS	2890	65500	Weird Democracy: US Politics in a Global Perspective: Honors	Holley Hansen	W1230-1320	Add-on to American Government - POLS 1113.

PSYC	AP/IB	ANY	S	Social Sciences	AP/IB or Concurrent Psychology	PSYC	2890	70079	Do Our Minds Work Like We Think: Honors	Kara Moore	T1100-1150	We will cover how our minds do not work the way they think they do. Specifically, we will cover mistakes that we make in thinking and memory. We will discuss how these mistakes affect our everyday life and how they affect situations with major consequences such as when one is a witness to a crime. Discussions will also explore why we often believe our minds perform better than they actually do. This course will allow students who have taken AP or IB or Concurrent classes in Psychology and who have been awarded OSU credit for Psychology to convert that credit to Honors credit (Please note for concurrent classes you must have received an A or B in the concurrent class in order to receive Honors credit).
PSYC	1113	ANY	S	Social Sciences	Introduction to Psychology (S)	PSYC	2890	65639	Personality Pathology: Assessment & Treatment: Honors	Stephanie Sweatt	M1330-1420	Students in this course will develop an understanding of the diagnosis, etiology, pathology, and treatment of personality disorders. We will especially focus discussions on psychopathy, narcissism, and borderline personality traits. The class will focus on many controversial topics in the research literature. For example, we will answer questions like what is the difference between normal variants of personality and

												abnormal or disordered variants of personality? Are personality disorders untreatable? Does treatment make psychopaths more dangerous? Which presidents had pathological personality traits? Students will learn about the latest research in the area and will discuss the media's representation of these problems.
PSYC	1113	ANY	S	Social Sciences	Introduction to Psychology	PSYC	2890	65638	Behavioral Change Techniques: Honors	Maureen Sullivan	W1330-1420	Students in this course will explore cognitive-behavioral methods of assessment and intervention, including self-monitoring, functional analysis, and implementing behavior change. Students will explore the empirically-supported treatments for lifestyle change, based upon cognitive-behavioral principles. Students will then select one of their behaviors (healthy eating, physical activity, etc.) which they would like to change in order to enhance maintaining a healthy lifestyle. We will apply information as it is covered in PSYC 1113 relative to the rising rates of unhealthy behaviors which are linked to chronic health problems and public health challenges. For example, we will discuss the methods of cognitive behavioral assessment, identifying behaviors

												amenable to change that are linked to risk for health problems, factors that enhance behavior change such as setting achievable goals, reinforcing behavior change, and increasing social support for change.
PSYC	3443	ANY	S	Social Sciences	Abnormal Psychology (S)	PSYC	2890	65642	Psychological Disorders in Film & Television: Honors	Thad Leffingwell	R1230-1320	Students in this course will explore the representations of psychological disorders in movies and television. Course activities will include watching representative movies and television shows, including fiction, documentary, and "reality" television and reading relevant literature on the topic. Discussions will explore the accuracy of portrayals, the social implications of portrayals, and the impact of the portrayals on popular notions of psychological disorders and treatment. This course will deepen your understanding of content from PSYC 3443.

REL	1103	ANY	HI	Humanities	Introduction to World Religions	HONR	2890	70171	Head & Heart in Relation to Human Religious: Honors	Doran Recker	T1030-1120	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),
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													<p>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 their own examples, and to connect material covered here to the other religions discussed in the course.</p>
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SPAN	1713	Any	Humanities	Elementary Spanish I	LL	1000	69493	Intro to Hispanic Culture: Honors	Matthew Oneill	T1230-1320	<p>This add-on examines distinct representations of the Spanish civil war (1936-39) across academic disciplines and artistic genres. The echoes of Francisco Franco's rebellion and subsequent dictatorship still stir conflict and conversation in Spain today, and we will read and discuss essays, short stories, works of art, and films that explore the causes and consequences of the fratricidal prelude to WWII. We will first briefly examine the political, religious, and economic backdrop upon which the war played out; was the war simply the inevitable clash of the poet Antonio Machado's eternal "two Spains"? To answer this and other central questions, we will then analyze the ways in which authors and artists both in</p>
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												Spain and around the world - from Picasso and Orwell to Guillermo del Toro and Javier Cercas - have delivered the conflict to their audiences since 1939. All texts in English.
SPAN	1813	Any		Humanities	Elementary Spanish II	LL	1000	69493	Intro to Hispanic Culture: Honors	Matthew Oneill	T 1230-1320	This add-on examines distinct representations of the Spanish civil war (1936-39) across academic disciplines and artistic genres. The echoes of Francisco Franco's rebellion and subsequent dictatorship still stir conflict and conversation in Spain today, and we will read and discuss essays, short stories, works of art, and films that explore the causes and consequences of the fratricidal prelude to WWII. We will first briefly examine the political, religious, and economic backdrop upon which the war played out; was the war simply the inevitable clash of the poet Antonio Machado's eternal "two Spains"? To answer this and other central questions, we will then analyze the ways in which authors and artists both in Spain and around the world - from Picasso and Orwell to Guillermo del Toro and Javier Cercas - have delivered the conflict to their audiences since 1939. All texts in English.
SPCH	2713	ANY	S	Social Sciences	Introduction to Speech Communication	SPCH	2890	65474	Honors Experience in Speech		M1330-1420	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.
SPCH	2713	ANY	S	Social Sciences	Introduction to Speech Communication	SPCH	2890	65475	Honors Experience in Speech		W1330-1420	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.
STAT	2023	ANY	A	STEM	Elementary Statistics for Business and Economics (A)	STAT	2890	66678	Honors Experience in Statistics	Robert Molnar	F 1530-1620	Honors Add-on in Statistics - Goes with Any Intro. Statistics Course. This course will also allow students who have taken AP or IB or Concurrent classes in Statistics and who have been awarded OSU credit for STAT 2013 to convert that credit to Honors credit (Please note for concurrent classes you must have received an A or B in the concurrent class in order to receive Honors credit)
STAT	2053	ANY	A	STEM	Elementary Statistics for the Social Sciences (A)	STAT	2890	66678	Honors Experience in Statistics	Robert Molnar	F 1530-1620	Honors Add-on in Statistics - Goes with Any Intro. Statistics Course. This course will also

												allow students who have taken AP or IB or Concurrent classes in Statistics and who have been awarded OSU credit for STAT 2013 to convert that credit to Honors credit (Please note for concurrent classes you must have received an A or B in the concurrent class in order to receive Honors credit)
STAT	3013	ANY	A	STEM	Elementary Statistics (A)	STAT	2890	66678	Honors Experience in Statistics	Robert Molnar	F1530-1620	Honors Add-on in Statistics - Goes with Any Intro. Statistics Course. This course will also allow students who have taken AP or IB or Concurrent classes in Statistics and who have been awarded OSU credit for STAT 2013 to convert that credit to Honors credit (Please note for concurrent classes you must have received an A or B in the concurrent class in order to receive Honors credit)