

OSU Honors College – Courses with Add-ons for Fall 2021 5/20/2021 Draft 6

You must take BOTH the Parent Course and the Add-on to get Honors credit.

Parent Course						Add-on Course						
Subject	Course	CRN	Gen Ed	Honors Area	Title	Subject	Course	CRN	Title	Instructor	Time	Description
AGEC	1113	ANY		Social Sciences	Introduction to Agricultural Economic (S)	AGEC	2990	63043	Deeper Analysis of AGECE Issues: Honors	Rodney Jones	R1500-1550	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	Intro to American Studies	HIST	3890	70987	Race and Gender in the American West: Honors	Laura Arata	M1030-1120	This honors section will explore some of the ways that race and gender impacted the development of the legendary 'Wild' West in the nineteenth and twentieth centuries. We will examine the kinds of people who give the 'Wild' West its character - cowboys, Indians, outlaws, lawmen - and explore how this history can sometimes be conflicting or contested. We will consider such varied topics as the role of African American cowboys, who should go down in history as the worst outlaw in the west, and how women played significant parts in the settling of the frontier. We will consider why some westerners became famous while others did not, and look for new ways to view old stories. Add-on for Survey of American History

												HIST 1103, American History to 1865 HIST 1483, American History Since 1865 (DH) HIST 1493, and Intro to American Studies AMST 2103.
ANSI	1124	ANY		STEM	Introduction to Animal Science	ANSI	4900	60147	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	71687	Retail/Food Service Meat Value: Honors	Gretchen Mafi	T1530-1620	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.
ANSI	2253	ANY		STEM	Meat Animal and Carcass Evaluation	ANSI	4900	71687	Retail/Food Service Meat Value: Honors	Gretchen Mafi	T1530-1620	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.

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ANSI	3423	ANY		STEM	Animal Genetics	ANSI	4900	60145	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	66933	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	60146	Honors Principle of Animal Nutrition	Adel Pezeshki	F1430-1520	Honors Add-on to Principles of Animal Nutrition
ARCH	1112	ANY		STEM	Introduction to Architecture	ARCH	2890	68116	Honors Seminar in Introduction to Architecture	Suzanne Bilbeisi	T1500-1615	Seminars examining current issues in architecture and architectural engineering.
ARCH	2003	64052		Humanities	Architecture and Society (HI)	ARCH	2890	71308	Honors Seminar for Architecture and Society	Jeanne Homer	R1500-1615	Design, planning, and building considered in their social and aesthetic contexts.
BAE	1012	ANY	N	STEM	Introduction to Biosystems Engineering	AG	2890	72146	Sustainability Discussion: Honors	Danielle Bellmer	W1130-1220	An open discussion and debate about the pros and cons of sustainability efforts in our everyday lives. Topics will include sustainable packaging and the debate surrounding the banning of plastic bags and straws, sustainable

												agricultural practices, sustainable water use and water rights, sustainable energy generation, and sustainability efforts in textile production and the "fast fashion" industry.
BIOL	1114	ANY		STEM	Introduction to Biology (LN)	BIOL	2890	65508	The Science & Art of Pollen: Honors	Ming Yang	TR1330-1420	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 Kesseler 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		STEM	Introductory Biology Biology	HONR	2890	68137	Nature's Assassins: Honors	Keith Garbutt	W1630-1720	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 1114 to convert that credit to Honors credit
BIOL	1114	ANY		STEM	Introductory Biology	HONR	2890	68140	Nature's Assassins: Honors	Keith Garbutt	T1630-1720	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

												<p>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 1114 to convert that credit to Honors credit</p>
BIOL	1114	ANY	LN	STEM	Introductory Biology	BIOL	2890	71946	Using DNA Barcoding to Characterize Zooplankton Communities: Honors	Guinevere Wogan	R1030-1220	<p>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.</p>

BIOL	1604	ANY		STEM	Animal Biology	BIOL	2890	68481	Exotic & Invasive Animal Species: Honors	Jesse Balaban Feld	T1330-1420	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	1604	ANY	LN	STEM	Animal Biology	BIOL	2890	71946	Using DNA Barcoding to Characterize Zooplankton Communities: Honors	Guinevere Wogan	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	3023	ANY		STEM	General Genetics	BIOL	3890	71947	Using DNA Barcoding to Characterize Zooplankton Communities: Honors	Guinevere Wogan	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	3034	ANY		STEM	General Ecology	BIOL	3890	68482	Exotic & Invasive Animal Species: Honors	Jesse Balaban Feld	T1330-1420	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	66760	Physiology: Honors	Matteo Minghetti	M1530-1620	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.
CHEM	1314			STEM	Chemistry I (LN)	CHEM	2890	71415	The Story of Chemistry: From the Periodic Table to Nanotechnology: Honors	Reza Latifi	W1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1314	ANY		STEM	Chemistry I (LN)	CHEM	2890	71412	Chemical Demonstrations: Honors	Nicholas Materer	M1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)

CHEM	1314	ANY		STEM	Chemistry I (LN)	CHEM	2890	71413	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		STEM	Chemistry I (LN)	CHEM	2890	71414	Story of Elements with Fun Chemical Experiments: Honors	Smita Mohanty	T1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515			STEM	Chemistry II (LN)	CHEM	2890	71415	The Story of Chemistry: From the Periodic Table to Nanotechnology: Honors	Reza Latifi	W1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY		STEM	Chemistry II (LN)	CHEM	2890	71414	Story of Elements with Fun Chemical Experiments: Honors	Smita Mohanty	T1630-1720	Honors Add-on for Chemistry I (LN) (CHEM 1314) or Chemistry II (LN) (CHEM 1515)
CHEM	1515	ANY		STEM	Chemistry II (LN)	CHEM	3890	71416	Group Theory and Organic Molecules: Honors	Charles Weinert	M1630-1720	Add-on for either Chemistry II (LN) - CHEM 1515 or Organic Chemistry I - CHEM 3954
CHEM	3053	ANY		STEM	Organic Chemistry I	CHEM	3890	71417	Contemporary Issues in Chemistry and Biochemistry: Honors	Allen Apblett	T1630-1720	Honor Add-on for Organic Chemistry I (CHEM 3053) or Organic Chemistry II (CHEM 3153)
EEE	2023	ANY		Social Sciences	Introduction to Entrepreneurship	EEE	1020	72106	Introduction to Entrepreneurship Supplemental: Honors	Jonathan Butler	T1200-1250	This honors-level supplemental course is designed to complement Introduction to Entrepreneurship with weekly readings and discussions about real-life entrepreneurs throughout history. Students will read and learn about entrepreneurs including Benjamin Franklin, P.T. Barnum, Madam C.J. Walker, Coco Chanel, Enzo Ferrari, Arianna Huffington, Jay-Z, and others. As part of the course, students will take turns teaching their fellow classmates about specific entrepreneurs and leading discussions about how each entrepreneur demonstrated concepts covered in EEE 2023. This is a discussion-based honors

												course add-on and students will be graded on their presentations, leadership, and in-class participation.
ENG	1332	ANy		STEM	Engineering Design with CAD for MAE	ENGR	1000	72135	Engineering Design with CAD for MAE: Honors	Jeffrey Callicoa	F1130-1220	Add-on for Engineering Design with CAD for MAE
ENGL	AP/IB			Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	69242	Mythology and Folklore in Graphic Novels: Honors	Daniel Morse	R0900-0950	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			Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	69243	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 Oklahoma 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			Humanities	AP, IB or Concurrent Credit for English 1113 and 1213	HONR	2890	69244	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
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												physical spaces through visual media, and to converse and collaborate productively with their peers.
ENGR	1111	ANY		STEM	Introduction to Engineering	ENGR	1000	72133	Beyond Failure ? Learning from Failures and Natural Disasters: Honors	Norbert Delatte	R1630-1720	An introduction to engineering failure analysis and forensic engineering. In depth study of failure case histories across various disciplines of engineering. How failures and lessons learned are used to improve codes, procedures, and practices. Ethical and professional issues in engineering are also discussed.
ENGR	1111	Any	N	STEM	Introduction to Engineering	AG	2890	72146	Sustainability Discussion: Honors	Danielle Bellmer	W1130- 1220	An open discussion and debate about the pros and cons of sustainability efforts in our everyday lives. Topics will include sustainable packaging and the debate surrounding the banning of plastic bags and straws, sustainable agricultural practices, sustainable water use and water rights, sustainable energy generation, and sustainability efforts in textile production and the "fast fashion" industry.
ENTO	2003	ANY		STEM	Insects and Society (N)	ENTO	4400	61646	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.
ENVR	1113	61222	N	STEM	Elements of Environmental Science (N)	AG	2890	72146	Sustainability Discussion: Honors	Danielle Bellmer	W1130-1220	An open discussion and debate about the pros and cons of sustainability efforts in our everyday lives. Topics will include sustainable packaging and the debate surrounding the banning of plastic bags and straws, sustainable agricultural practices, sustainable water use and water rights, sustainable energy generation, and sustainability efforts in textile production and the "fast fashion" industry.
GEOG	1113	ANY	IS	Social Sciences	Introduction to Cultural Geography (IS)	GEOG	2890	65518	Honors Experience in Geography: Cultural Geography	Donald Colley	R1500-1615	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	ANY	LN	STEM	Physical Geology (LN)	GEOL	2890	66815	Earth Resources: Honors		T1500-1550	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 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.
HIST	1103	ANY		Humanities	Survey of American History	HIST	3890	70986	Who Tells Your Story? Hamilton and the Popular Memory of America's Founding	Kallie Kosc	R1330-1445	This course will explore America's founding in both fact and popular memory through the lens of Lin-Manuel Miranda's Broadway hit, Hamilton. America's founding has been interpreted and reinterpreted for countless audiences over the years with each new generation deriving different meaning from this formative period. The themes of immigration, slavery, women's rights, political violence, American work ethic, and presidential

												personalities will all be highlighted as we discuss what really happened in these founding years, how the past bears on the present, and how the present continues to shape how we view the past. At the end of the course, students will be asked to assess the merits of Miranda's Hamilton as art, history, and political statement. Add-on for HIST 2023, History of the Present; HIST 1483, American History to 1865; HIST 1103, Survey of American History; HIST 4363 US History through the Lenses of Popular and Unpopular Music
HIST	1103	ANY		Humanities	Survey of American History	HIST	3890	70987	Race and Gender in the American West: Honors	Laura Arata	M1030-1120	This honors section will explore some of the ways that race and gender impacted the development of the legendary 'Wild' West in the nineteenth and twentieth centuries. We will examine the kinds of people who give the 'Wild' West its character - cowboys, Indians, outlaws, lawmen - and explore how this history can sometimes be conflicting or contested. We will consider such varied topics as the role of African American cowboys, who should go down in history as the worst outlaw in the west, and how women played significant parts in the settling of the frontier. We will consider why some westerners became famous while others did not, and look for new ways to view old stories. Add-on for Survey of American History HIST 1103, American History to 1865 HIST 1483, American

												History Since 1865 (DH) HIST 1493, and Intro to American Studies AMST 2103.
HIST	1483	ANY	H	Humanities	American History to 1865	HIST	3890	70986	Who Tells Your Story? Hamilton and the Popular Memory of America's Founding	Kallie Kosc	R1330-1445	This course will explore America's founding in both fact and popular memory through the lens of Lin-Manuel Miranda's Broadway hit, Hamilton. America's founding has been interpreted and reinterpreted for countless audiences over the years with each new generation deriving different meaning from this formative period. The themes of immigration, slavery, women's rights, political violence, American work ethic, and presidential personalities will all be highlighted as we discuss what really happened in these founding years, how the past bears on the present, and how the present continues to shape how we view the past. At the end of the course, students will be asked to assess the merits of Miranda's Hamilton as art, history, and political statement. Add-on for HIST 2023, History of the Present; HIST 1483, American History to 1865; HIST 1103, Survey of American History; HIST 4363 US History through the Lenses of Popular and Unpopular Music
HIST	1493	ANY	DH	Humanities	American History Since 1865 (DH)	HIST	3890	70987	Race and Gender in the American West: Honors	Laura Arata	M1030-1120	This honors section will explore some of the ways that race and gender impacted the development of the legendary 'Wild' West in the nineteenth and twentieth centuries. We will examine the kinds of people who give the 'Wild' West its character - cowboys, Indians,

												outlaws, lawmen - and explore how this history can sometimes be conflicting or contested. We will consider such varied topics as the role of African American cowboys, who should go down in history as the worst outlaw in the west, and how women played significant parts in the settling of the frontier. We will consider why some westerners became famous while others did not, and look for new ways to view old stories. Add-on for Survey of American History HIST 1103, American History to 1865 HIST 1483, American History Since 1865 (DH) HIST 1493, and Intro to American Studies AMST 2103.
HIST	2023	70979		Humanities	History of the Present	HIST	3890	70986	Who Tells Your Story? Hamilton and the Popular Memory of America's Founding	Kallie Kosc	R1330-1445	This course will explore America's founding in both fact and popular memory through the lens of Lin-Manuel Miranda's Broadway hit, Hamilton. America's founding has been interpreted and reinterpreted for countless audiences over the years with each new generation deriving different meaning from this formative period. The themes of immigration, slavery, women's rights, political violence, American work ethic, and presidential personalities will all be highlighted as we discuss what really happened in these founding years, how the past bears on the present, and how the present continues to shape how we view the past. At the end of the course, students will be asked to assess the merits of Miranda's

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HTM	3563	29870		Social Sciences	Gastronomic Tourism	HTM	4850	72144	Food, Drink, Culture and Travel: Honors	Stacy Tomas	R1630-1720	Food, Drink, Culture and Travel (1 credit Honors Only) -- This is the only Special Topics Variable Credit that we can use. As noted, this course is introductory and can be taken by freshman to seniors. No preqs required -- just an open mind to engage with the world.
MATH	2103	ANY		STEM	Business Calculus	MATH	2890	71365	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. ADD-ON FOR MATH 2103

MATH	2153	ANY		STEM	Calculus II	MATH	2890	71613	Reasoning with Infinitesimals and Infinities: Honors	Paul Fili	M1430-1520	Many famous problems in physics and engineering are difficult to solve in general but can be easily solved or estimated when one assumes certain quantities are much smaller, or much larger, than others. For example, it is much easier to determine the motion of a swinging pendulum if one assumes the angle is very small, that is, if the angle is "infinitesimally small." We will explore some of these problems and the history of reasoning with infinitesimal and infinitely large quantities and study how you can make the reasoning that goes into these problems more precise using ideas such as big-O error estimates.
MATH	>2144			STEM	Any MATH course above the level of MATH 2144	MATH	2890	71366	Sets and Infinity	Jay Schweig	W1230-1320	In even the most basic mathematics courses, we deal with infinite sets. For example, the counting numbers 1, 2, 3, ... form an infinite set -- we never reach a largest number. But in these courses we rarely discuss the properties of these sets. What makes infinite sets different from finite ones? Are there different sizes of infinite sets? In general, what can we say about infinity? In this course we will discuss questions like these, as well as some paradoxes and interesting results involving infinity. We will also talk about connections with some topics you will have seen in calculus.
MATH	>2144	Any		STEM	Any MATH course above the level of MATH 2144	MATH	2890	71422	Calculus Beyond Calculation: Honors	Mahdi Asgari	T1330-1445	One learns about derivatives followed by integrals in a first calculus course. What you may not

												know is that historically the notion of integral came first as a natural attempt dealing with the notions of area and volume. Derivative, which came about later, was an attempt at dealing with the notions of rate of change and tangents. Derivative is based on the concepts of limit and continuity. Add-on for: Any MATH course above the level of MATH 2144.
MATH	2144 or Greater	ANY		STEM	Any MATH course at or above the level of MATH 2144.	MATH	2890	71363	Games of Strategy: Contract Bridge	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.
MATH	2144 or Greater	ANY		STEM	Any MATH course at or above the level of MATH 2144.	MATH	2890	71364	Games of Strategy: Contract Bridge	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.
MICR	2123	61611		STEM	Introduction to Microbiology	MICR	2890	64973	Introduction to Microbiology: Honors	Noha Youssef	F0930-1020	Honors Add-on for Introduction to Microbiology MICR 2123 CRN 61611 or 63851
MICR	2123	66294		STEM	Introduction to Microbiology	MICR	2890	68062	Introduction to Microbiology: Honors	Garry Marley	F0930-1020	Honors Add-on for Introduction to Microbiology MICR 2123 CRN 66294
MICR	3033	ANY		STEM	Cell and Molecular Biology	MICR	3890	64974	Cell and Molecular Biology: Honors	Rolf Prade	W1430-1520	Add-on for MICR 3033 Cell and Molecular Biology.
MICR	3223	61681		STEM	Advanced Microbiology	MICR	3890	64975	Advanced Microbiology: Honors	Mostafa Elshahed	M1330-1420	Add-on to Advanced Microbiology MICR 3223.
MICR	4153	70743		STEM	Emerging Infectious Agents (N)	MICR	3890	71604	Emerging Infectious Agents: Honors	Erika Lutter	F1530-1620	Overview of emerging infectious diseases with in-depth analysis of epidemics, pandemics, the epidemiology associated with outbreaks and disease specific control measures.
MICR	4253	61725		STEM	Concepts in Medical Genetics	MICR	3890	64976	Concepts in Medical Genetics: Honors	Jeff Hadwiger	F1330-1420	Add-on to Concepts in Medical Genetics MICR 4253.
MUSI	1002	69603		Humanities	Fundamentals of Music	HONR	2890	72148	Fundamentals of Music add-on: Honors	Jeffrey Loeffert	F0930-1020	This honors add-on will reinforce the fundamentals of music while exploring topics of composition and improvisation often omitted from the music theory sequence. Students will engage in original composition using traditional and non-traditional notation, and they will experiment with improvisation as a compositional tool. To enhance understanding, students

												will read and write about composition and improvisation in music pedagogy.
MUSI	1532	ANY		Humanities	Theory of Music I	HONR	2890	72149	Theory of Music I add-on: Honors	Kimberly Loeffert	F0830-0920	Public music theory refers to the act of conveying musical ideas to a general audience. Early-career musicians may question the relationship of music theory classes to their music-making, and this course add-on immediately makes relevant music theoretical topics as a means to draw in and better engage one's audience. We will thoughtfully examine and then create samples of public music theory, such as written program notes, podcasts, videos, blog posts, and spoken concert lectures. Students will engage with the music-analytical tools one uses to discuss music with an untrained audience and apply them to repertoire chosen together in class.
MUSI	2573	ANY		Humanities	Introduction to Music (H)	HONR	2890	68142	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.
MUSI	2722	61779		Humanities	Introduction to Music Education	HONR	2890	72150	Introduction to Music Education add-on: Honors	Jacqueline Skara	M1430-1520	This add-on for Introduction to Music Education will be offered as a project-based class. Students will craft an individualized project related to one of the many facets of the course. Possible ideas include a private lesson teaching project, a research paper on a subject of the students' choosing, an annotated

												assessment of ensemble literature for the student's chosen ensemble/level, or an interview project related to their urban observation placement. Students will work directly with the professor to tailor their project specifically to their own goals. The honors add-on group will meet periodically to check in on the progress of the projects and workshop ideas in a seminar style.
PHIL	1213	ANY		Humanities	Philosophy of Life (H)	PHIL	2890	71729	Mindfulness: Honors	Marty Heitz	R0900-1015	When so much emphasis is placed on living an outwardly successful life, is it possible to find contentment within? As our minds become increasingly active, can we find a way to be here and now? This course will explore ways in which meditation and contemplation can help us find peace of mind and contentment of heart, even while living in a world that places little emphasis on the present moment. Readings from various contemplative traditions will be paired with extensive meditative techniques that will be practiced both in and outside of class.
PHIL	1213	ANY	H	Humanities	Philosophy of Life (H)	PHIL	2890	71730	Violence and Non-Violence: Honors	Eric Reitan	W1230-1320	Add-on for PHIL 1213 Philosophies of Life
PHYS	1114	ANY		STEM	College Physics I (LN)	PHYS	2890	64932	Honors for PHYS1114	Donghua Zhou	T1200-1250	Add-on for PHYS 1114 College Physics I (LN)
PHYS	2014	ANY		STEM	University Physics I (LN)	PHYS	2890	64929	Honors for PHYS2014	Yingmei Liu	T1330-1420	Add-on for PHYS 2014 University Physics I (LN)
PHYS	2114	ANY		STEM	University Physics II (LN)	PHYS	2890	64960	Honors for PHYS 2114	Derek Meyers	T0900-0950	Add-on for PHYS 2114 University Physics II (LN)
PHYS	2114	ANY		STEM	University Physics II (LN)	PHYS	2890	64963	Honors for PHYS2114	Mario Borunda	M0930-1020	Add-on for PHYS 2114 University Physics II (LN)

PLNT	1213	ANY		STEM	Introduction to Plant and Soil Systems	PLNT	4470	64210	Introduction to Plant and Soil Systems: Honors	Beatrix Haggard	R1500-1550	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		Social Sciences	American Government	POLS	2890	64857	The Imperial Presidency: Honors	Danny Adkison	M1230-1320	Add-on to American Government - POLS 1113.
POLS	1113	ANY		Social Sciences	American Government	POLS	2890	64859	Weird Democracy: US Politics in a Global Perspective: Honors	Holley Hansen	T0900-1015	Add-on to American Government - POLS 1113.
POLS	1113	ANY		Social Sciences	American Government	POLS	2890	64860	The Imperial Presidency: Honors	Danny Adkison	W1230-1320	Add-on to American Government - POLS 1113.
POLS	1113	ANY		Social Sciences	American Government	POLS	2890	65421	Weird Democracy: US Politics in a Global Perspective: Honors	Holley Hansen	R0900-0950	Add-on to American Government - POLS 1113.
PSYC	1113	ANY	S	STEM	Introduction to Psychology (S)	PSYC	2890	64966	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	3443	ANY		Social Sciences	Abnormal Psychology (S)	PSYC	2890	64968	Psychological Disorders in Film & Television: Honors	Thad Leffingwell	W1330-1420	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.
PSYC	AP/IB	ANY		Social Sciences	AP/IB or Concurrent Psychology	PSYC	2890	70700	Do Our Minds Work the Way We Think They Do: Honors	Kara Moore	M1300-1350	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).
REL	1103	ANY		Humanities	Introduction to World Religions	HONR	2890	68141	Head & Heart in Relation to Human Religious: Honors	Doren 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), 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.
SOC	1113	ANY	S	Social Sciences	Introductory Sociology (S)	SOC	2890	71770	Introduction to Sociology: Honors	Corinne Schwarz	W1130-1220	Coming to terms with the requirements for living in a complex social world. Sociological concepts used to assist students in understanding the social influences in day-to-day life.

SPAN	1713	ANY		Humanities	Elementary Spanish I	LL	1000	67501	Intro to Hispanic Culture: Honors	Matthew Oneill	T1330-1420	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.
SPAN	1813	ANY		Humanities	Elementary Spanish II	LL	1000	67501	Intro to Hispanic Culture: Honors	Matthew Oneill	T1330-1420	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		Social Sciences	Introduction to Speech Communication (S)	SPCH	2890	64841	Honors Experience in Speech	Mary Walker	M1230-1320	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		Social Sciences	Introduction to Speech Communication (S)	SPCH	2890	64842	Honors Experience in Speech	Mary Walker	W1230-1320	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	2013	ANY		STEM	Elementary Statistics	STAT	2890	65700	Honors Experience in Statistics	Robert Molnar	M1530-1620	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.
STAT	2023	ANY		STEM	Elementary Statistics for Business and Economics (A)	STAT	2890	65700	Honors Experience in Statistics	Robert Molnar	M1530-1620	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.
STAT	2053	ANY		STEM	Elementary Statistics for the Social Sciences (A)	STAT	2890	65700	Honors Experience in Statistics	Robert Molnar	M1530-1620	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.
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