ART250A/COM250A: Video Diary
Credits: 3
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: A/V specialization course for COM major
Explore practice of video diary; produce video diaries.

BIO205D-HN: Human Anatomy and Physiology I – Honors Section
Credits: 4
Prerequisites: BIO106 and membership in the Wesson Honors program
Exploration Area: None
Major/Minor Requirements: Identical to BIO205
This Honors level section of BIO205 allows for the course to be more interdisciplinary in scope and allows the students and instructor to consider aspects of human health, athletics, medicine, social science and psychology in a more conspicuous manner than the non-Honors sections. Additionally, students are expected to be more independent learners and there will be an additional research assignment concerning application of A&P to other fields. Students will present their research efforts in class throughout the second half of the semester.

BUS450A: Student Investment Fund Seminar
Credits: 1
Prerequisites: BUS 115, 216, 224, 318, 319
Exploration Area: None
Major/Minor Requirements: None
This course continues the study of investment concepts and decision-making by the investing of real dollars in the form of a student-managed investment fund. Student teams will analyze and present investment opportunities to an oversight board as well as initiate approved financial transactions. Guest speakers may be offered as part of this course.

CHE102B-HN: Principles of Chemistry II – Honors Section
Credits: 4
Prerequisites: CHE101 and membership in the Wesson Honors program. Global Beginnings Honor students may contact the professor for permission to take this course without the prerequisite of CHE101.
Exploration Area: None
Major/Minor Requirements: Identical to CHE102
In addition to the regular curriculum for CHE102, the Honors section of CHE102 will allow students to explore the history of chemistry and will solve several in-context problems, such as how to remove toxic metals from the bloodstream, how to produce soap with a lower pH, what is the pH of the ocean, how to use chemical data from a cadaver to determine the time of death, and others.

COM250A/ART250A: Video Diary
Credits: 3
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: A/V specialization course for COM major
Explore practice of video diary; produce video diaries.
ENV150A: The Science of Maple Sugaring
Credits: 1
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: None
This course will have students contribute to the preparation, processing and production of maple syrup on campus. Students will gain an understanding of the physiological aspects of spring sap runs, learn how to minimize our impact to the trees being used while understanding forest management strategies to maximize sugaring yields. Students will assist in producing the maple syrup and learn the process. Students will be using ‘The North American maple syrup producers manual, 2nd ed.’ by the Ohio State University Extension as a text throughout the course. Additionally, participants will help to develop across campus opportunities for integration of this project into multiple curriculum.

ENV350A: Introduction of Environmental Chemistry
Credits: 3
Prerequisites: Any science lab course
Exploration Area: None
Major/Minor Requirements: Requirement for Env Science – Aquatic major; 300-level ENV elective for Env. Studies major; 300-level course for CHE minor.
Environmental Chemistry explores the chemical interactions that occur throughout our planet. Inorganic, organic, and analytical chemistry will be the basis from which we will perform our explorations. Lectures will be carried into laboratory exercises to provide comprehensive knowledge of the subject matter. Laboratories will use standard protocols what will prepare students for future work in environmental labs and research facilities as well as graduate education.

HON150A-HN: Leaders, Buggers and Stewardship: An Introduction to the Wesson Honors Program
Credits: 1
Prerequisites: Membership in Wesson Honors program; not open to students who have completed an Honors PTH101 course.
Exploration Area: None
Major/Minor Requirements: None
This course is an introduction to the Wesson Honors Program. Using fiction and non-fiction texts, students in this class will examine and discuss themes of leadership, responsibility, and stewardship. These topical themes will be connected to membership in the Wesson Honors program.

HON250A-HN: Secret Communication
Credits: 3
Prerequisites: Membership in Wesson Honors program
Exploration Area: None
Major/Minor Requirements: None
The ability to keep or unravel secrets has had a major impact in the development of social events and developments throughout history. The main focus of this course is the mathematical study of secret communication styles, codes, and ciphers used from early civilizations to recent times. The ciphering methods used in internet security and the check digit schemes are examined in detail. The exploration of the use of music, food, body language, and art as means of communication is integrated into the course. The study of communication styles used by different cultures, genders, and age groups is another component of this course.

HON350A-HN: Ancient Greek Literature and Thought
Credits: 3
Prerequisites: One previous Wesson Honors program course; membership in the Wesson Honors program
Exploration Area: None
Major/Minor Requirements: None
Ancient Greece is often called “the cradle of Western civilization.” It is filled with works – literary, scientific, philosophical, historical, and artistic – which continue to exert a significant influence on Western culture. A significant part of who we are in the West, or who we think we are, is due to our Greek inheritance.
This course is an introduction to ancient Greek literature and thought. We will begin with a historical overview of ancient Greece; then move to a brief study of its foundational poetry; then study the beginnings of Western science and philosophy. Next, we’ll move to two foundational Western philosophers, Plato and Aristotle, the Hellenistic philosophers, Epicurus, the Stoics, and the Skeptics, and end the study of one work from the Greek theater.

HON350B-HN: Quantum Ghosts
Credits: 3
Prerequisites: One previous Wesson Honors course; membership in the Wesson Honors program.
Exploration Area: None
Major/Minor Requirements: None

During the early 1900s, scientists such as Planck, Heisenberg, Bohr, and Einstein revolutionized modern science as they uncovered the inner workings of the atom. The result of their and others’ labors was the development of quantum theory, which as a historical reference point, marks a major paradigm shift from so-called “classical physics” to “modern physics”. The theory itself has been tremendously successful in predicting the behavior of atoms and subatomic particles and has allowed for many advances in technology such as electronics and cryptography. However, in addition to its practical successes, there are serious conceptual and ethical challenges wrought by quantum theory. Conceptually, the theory is extremely counter-intuitive and forces us to reconsider our basic understanding of matter, the principle of determinism, and the nature of the universe. Ethically, our knowledge of quantum theory and ability to control the atom allows for the creation of technology that can be both helpful and dangerous to humans on a never-before-seen scale. Thus, the ghosts of quantum theory are the unseen influences that make atoms behave as they do and the possible implications for human life that accompanies our knowledge of the atomic world. In this course, we will explore these quantum ghosts through writings by scientists, philosophers, politicians and others.

IST101A: Introduction to International Studies
Credits: 3
Prerequisites: None
Exploration Area: Global Perspectives
Major/Minor Requirements: Requirement for International Studies minor

Few deny the growing globalization of the modern world but considerable debate persists about its meaning and future. This course provides an introduction to the field of International Studies. To lay a foundation, we will develop a base of historical knowledge, analytical skills, a vocabulary of concepts and theories useful for understanding our growing global community. We will explore such themes as the emergence of the nation-state and the modern system of international relations, nationalism vs. global citizenry, the environment and “ecological commons”, globalizations and culture, transnational movement and identity, terrorism, the global drug trade, how globalization shapes our personal lives and local communities, and the future of international collaboration and organization.

IST105A: Independent Language Study
Credits: 1, graded Pass/Fail
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: Language requirement for International Studies minor

Learning languages opens up new worlds to us -- literary, intellectual, cultural and geographical. Independent Language Study allows students to study over XX different languages at their own pace, supported by a weekly seminar and a language instructor. The course permits students to prepare for a variety of learning opportunities such as Global Beginnings, study abroad programs, graduate study abroad, etc.
PHI350A: Philosophy of Law
Credits: 3
Prerequisites: Any 100- or 200-level PHI course OR BUS305 OR GOV301
Exploration Area: None
Major/Minor Requirements: 300-level PHI course for PHI minor
Judges, lawyers, legislators, and all citizens may and should ask themselves: What is law? Why do we have it? What concepts explain it, unify it, and make it coherent? Is it coherent? Do I have to obey the law? Should I? Is it moral? This course will examine these and other questions from both a theoretical and practical perspective. Students will read and discuss writings on natural law, legal positivism, legal realism, critical legal studies, and feminism. In addition and in conjunction we will consider the nature and content of rights, the process of judicial reasoning and interpretation, equality, punishment, causation, and responsibility.

SOC250A: International Sociology
Credits: 3
Prerequisites: None
Exploration Area: Global Perspectives
Major/Minor Requirements: Course may be upgraded to 300-level for the SOC minor. Please see professor for details and application process.
This course allows students to examine non-American societies and cultures using a sociological framework. Students will have the opportunity for in-depth study of concepts such as family structure, value systems, economies, and religious practices.

SOC350A/WST350A: Gender and Society
Credits: 3
Prerequisites: SOC101
Exploration Area: None
Major/Minor Requirements: 300-level course for SOC minor and WST minor
Gender and Society explores both “sex” (defined in our society as biological) and “gender” (defined in our society as having to do with masculinity and femininity) from a sociological perspective. In this course we will examine and critique the social institutions and dynamics that produce, maintain, and enforce these categories as well as investigate how they are connected to social stratification and structures of race/ethnicity, socio-economic class, and sexualities. Central to the course is a focus on how an active, informed “sociological imagination” can promote a better understanding of the forces that shape our social lives. To this end we will address how media representations, sports, schools, families, friendships, and work relate to a sociological understanding of sex and gender.

WST350A/SOC350A: Gender and Society
Credits: 3
Prerequisites: SOC101
Exploration Area: None
Major/Minor Requirements: 300-level course for SOC minor and WST minor
See SOC350A for course description