ART250A: Expanded Media Practices
Credits: 3
Prerequisites: ART132
Exploration Area: None
Major/Minor Requirements: None
This course is designed as an intermediate studio course in digital and interactive media with an emphasis on critical and innovative work. Lectures, demonstrations and critiques will focus on theoretical, technical and aesthetic issues in contemporary digital and interactive media. Demonstrations will cover a range of image generation possibilities, including acquisition strategies, manipulation, file management and presentation formats. The emphasis is on an artistic approach to the computer. Students learn how to acquire imagery from a range of sources, place them into image editing software such as Adobe Photoshop, and learn how to manipulate, generate and animate imagery. Students will explore various installation options such as projection, LCD screens, or Web-based interactivity in the culminating realization of a final project where students create animations or videos and incorporate their knowledge from other area disciplines.

ART350A/HIS350A: Urbanism and City Planning in the Modern West
Credits: 3
Prerequisites: Sophomore, Junior or Senior status
Exploration Area: None
Major/Minor Requirements: 300 level art history course for BA in ART, BFA in ART, BFA in GD, Studio Art minor, or Art History minor. 300 level non-US History for HSC major and a 300 level course for the History minor.
People have lived in large cities since antiquity, yet the physical composition of those cities has changed dramatically, as new priorities and problems have generated myriad approaches to urban design. This course examines urban architecture and planning in modern Europe and the United States, from Renaissance Italy and France through selected Baroque and Neoclassical cities, industrialization and its urbanistic consequences, and the challenges that have faced cities and suburbs in the last century. We will consider the motives and strategies (religious, propagandistic, aesthetic, commercial, reformist, utopian, etc.) that architects, theorists, social critics, politicians, and others have proposed for various urban contexts. The course focuses on Western cities, but we will occasionally explore relevant non-Western examples and the interaction between the two spheres.

Students will gain an understanding of the form, planning, and evolving interrelationships of the built environment. They will use the language and methods of architectural and urban history to investigate cities within their social, cultural, and political context. They will strive to discern the characteristics of urbanism during various periods in the modern era. Finally, they will consider the relative roles of primary and secondary sources, and develop the capacity to think critically about those sources.

BIO350A/CES350A: River Communities
Credits: 3
Prerequisites: BIO/CES107 or SCI120 or CES201
Exploration Area: None
Major/Minor Requirements: 300 level course for BIO major, BIO minor, and CES minor
Field Study Dates: May 18 - 28
Cost: This course will cost $1785/person. Full payment for this course will be due no later than March 27.
Budget:
River Trip: $ 775
Travel/Food/Lodging: $1010
Total: $1785
This field based course will expose students to the societal needs for water, such as potable urban use, agriculture, and industry, as well as the need to sustain the biological functions of the river systems. Students will
focus on the Colorado River system, as it provides many examples of how society struggles to balance the human and natural needs from this river resource. It is the process of studying, discussing, and experiencing first hand the concerns surrounding water resources in the western region of the United States that will take students on a voyage of discovery and self reflection. This course will combine classroom student led discussions and an experiential learning field component that will introduce students to new environments and allow them to investigate a number of problems that revolve around one theme; water use and management. Students will explore both the current and historical influences along the Colorado River. Through the field studies, students will experience the varied landscapes the river flows through, as well as the stakeholders involved. Interviews, discussions, and debates with stakeholders who rely on the Colorado River will help students build a conceptual model of the many crucial roles this water resource plays. As part of the field experience, students will spend 4 days rafting down the river and studying the geology and biology of the river, as well as historical artifacts.

Participants in this course will receive an incomplete ‘I’ at the end of the Spring term. Final course grades will be posted upon returning from the field component after the Spring term has ended. Students should consider this as it may delay official graduation of seniors until the final grade is submitted.

**BIO350B: Concepts in Pharmacology**
- **Credits:** 3
- **Prerequisites:** BIO106 and CHE101
- **Exploration Area:** None
- **Major/Minor Requirements:** 300 level course for the BIO major or BIO minor

This course will introduce pharmacology principles to students who will not be clinical practitioners. Students will study the drug approval process and basic concepts in pharmacokinetics, including distribution, absorption and elimination of drugs. The receptor mechanism of drug action will be examined. The organization of the central nervous system will be reviewed, and various classes of drugs of use and abuse will be explored. Students will also explore some of the societal aspects of drug availability and abuse, possibly including the cost of prescription drugs in the United States vs. Canada, availability of AIDS drugs for poor African nations, research into drugs for treatment of “orphan” diseases, etc.

**BIO450A: Genetics**
- **Credits:** 3
- **Prerequisites:** BIO106
- **Exploration Area:** None
- **Major/Minor Requirements:** 400 level cellular/molecular course for BIO major and BIO minor.

Identical to course content of BIO402 except for the elimination of the laboratory portion.

**CES350A/BIO350A: River Communities**
- **Credits:** 3
- **Prerequisites:** BIO/CES107 or SCI120 or CES201
- **Exploration Area:** None
- **Major/Minor Requirements:** 300 level course for BIO major, BIO minor, and CES minor
- **Field Study Dates:** May 18 - 28
- **Cost:** This course will cost $1785/person. Full payment for this course will be due no later than March 27.

**Budget:**
- **River Trip:** $ 775
- **Travel/Food/Lodging:** $1010
- **Total:** $1785

See BIO350A/CES350A for course description.
CES250A: Global Environmental Issues  
Credits: 3  
Prerequisites: WRT105  
Exploration Area: Environmental Literacy  
Major/Minor Requirements: 200 level course for the CES minor  
This course will take a multi-disciplinary approach to global environmental issues. We will develop an awareness of global environmental issues and will explore ways in which we can detect, measure, and explain those changes. We will do this by means of “place-based perception.” In other words, we will get to know our local environment and use that knowledge to expand the scope and scale of understanding. For example, a study of local flora and invasive species may help us understand how plants cope with climate change and what some consequences of a global warming trend may be. The way local towns cope with the pressure of more development may help us understand global conservation issues. This semester we will concentrate on three specific, but interrelated global environmental issues: Biodiversity Protection, Global Climate Change, Sustainable Development.

CIS250A: Computer Applications for Data Analysis  
Credits: 3  
Prerequisites: None  
Liberal Education: Computing Proficiency  
Major/Minor Requirements: None  
Decisions in contemporary society are increasingly made using a “data-driven” approach. In this hands-on course, students will learn to use various data analysis tools in Excel, Access, and SPSS. In each of these software applications, students will learn and apply strategies for transforming raw data into information to support decision-making. Students will learn how to transfer data between software applications, and link data from various sources. Students will also explore societal and ethical issues arising from advancements in technology that enable collection and storage of massive amounts of data from numerous sources, in many cases, without consent. In addition, students will use the Internet for research, collaboration, and online learning.

DAN150A: Making Dances: An Exploration in Choreography  
Credits: 3  
Prerequisite: None  
Exploration Area: None  
Major/Minor Requirements: None  
In this course you will learn to trust your intuitive and creative self. Through a series of composition and improvisation studies, you will develop three original dances (some of which will be performed on the main stage at the end of the semester). The fundamental concern of this course is with each student’s personal growth as a choreographer.

ENG220A-HN: Honors: Adolescent Literature  
Credits: 3  
Prerequisite: Membership in the Wesson Honors Program. Sophomore, Junior, and Senior ENG/ED majors who are not in the honors program should meet with David Elliott to discuss a non-honors option for this course.  
Exploration Area: Literature  
Major/Minor Requirements: ENG220 for English/Education majors; Genre course for English majors  
Adolescents have been described as “those who think they’re too old to be children but who others think are too young to be adults.” This course will define adolescence as the period ranging from grade five through the senior year of high school. We will work to identify the criteria that set literature written for this age group apart from that written for older audiences. We will also reflect upon our own adolescence in ways that will help us understand this literature. Because one of the objectives of the course is to acquaint students with as broad a range as possible, extensive reading is required. In addition, a substantial end-of-term project will be required.
ENG250A/WST250A: Women, Literature, and the Environment
Credits: 3
Prerequisite: None
Exploration Area: None
Major/Minor Requirements: 200 level interdisciplinary/cultural course for the ENG major or the ENG minor; 200 level course for the Women’s Studies minor.

Environmentalism is a feminist issue. Across the globe, poverty and biology cause women and children to suffer disproportionately from environmental degradation. In this course, we will examine the intersection of ecocriticism and feminist theory. We will read a wide variety of texts ranging from science fiction to a nineteenth-century medical treatise on women to understand how our cultural institutions contribute to the oppression of both women and nature. In order to understand the conceptual, linguistic, and symbolic connections contributing to this oppression, we will examine texts by modern feminists, environmentalists and literary scholars.

ESS350A: Sales and Client Service in the Sport Industry
Credits: 3
Prerequisite: BUS231
Exploration Area: None
Major/Minor Requirements: None

This course concentrates on specific components of sales and sales strategy, including individual/group/corporate/luxury and suite level sales and sales management. Additionally, coursework will encompass a client services component that focuses on client development strategies, client management practices, and service after the sale.

ESS450A: Performing in Extreme Environments
Credits: 2
Prerequisites: ESS324
Exploration Area: None
Major/Minor Requirements: None

Exercise requires physiological adaptations of the body. Environmental stressors add an additional layer of challenge to the human body during exercise. This course will explore how stressful environments affect different body systems. Numerous taxing environmental conditions will be covered such as heat, high altitude, humidity, cold, underwater pressure and pollution.

GER101A: Introduction to German Language and Culture
Credits: 3
Prerequisites: None
Exploration Area: None
Major/Minor Requirements: None

This course will emphasize listening, speaking, reading, and writing as well as providing students with insights into the culture of Germany, Switzerland, and Austria. Mastery of the material presented will allow students to function at a novice level in a German-speaking environment.

HIS350A/ART350A: Urbanism and City Planning in the Modern West
Credits: 3
Prerequisites: Sophomore, Junior or Senior status
Exploration Area: None
Major/Minor Requirements: 300 level art history course for BA in ART, BFA in ART, BFA in GD, Studio Art minor, or Art History minor. 300 level non-US History for HSC major and a 300 level course for the History minor.

See ART350A/HIS350A for course description.
HON350A-HN: Mountains
Credits: 3
Prerequisite: Membership in the Wesson Honors Program
Exploration Area: None
Major/Minor Requirements: 300-level course for the CES minor.
A typical climbing expedition to the Himalaya invokes several critical issues. In addition to the intense physical challenge and the personal determination required to overcome it, there are medical, ethical, ecological, spiritual, religious, and cultural issues that result from contact between two very different cultures. Ethical issues include using performance enhancing drugs and local Sherpas for dangerous jobs. The Buddhist Sherpas’ attitude towards mountains and their economic well being is much different from that of the rich western climbers. Many books have been written about climbs, not only in Nepal and China, but on every continent, and most raise these and similar issues as well as giving readers insight into different cultures. There is also a long history of hiking in the White Mountains, closer to home. In this course students will explore the topics above as well as the rich history of mountains, their geology, and geography.

SOC350A: Social Stratification and Inequality
Credits: 3
Prerequisite: SOC101
Exploration Area: None
Major/Minor Requirements: Focus course for PSY major; 300 level course for SOC minor.
Knowledge of the sources and consequences of inequalities among people of different class, race, gender or nationality is crucial for understanding the major societal conflicts and injustices that have shaped our history. A major goal of this course will be to address the determinants and consequences of social inequalities. Students will become sensitive to recognizing social inequalities in many forms and appreciate problems created by social inequality by comparing social inequalities in other cultures. The multidimensionality of social stratification will be taken into consideration along with common misperceptions regarding social class.

WST250A/ENG250A: Women, Literature, and the Environment
Credits: 3
Prerequisite: None
Exploration Area: None
Major/Minor Requirements: 200 level interdisciplinary/cultural course for the ENG major or the ENG minor; 200 level course for the Women’s Studies minor.
See ENG250A/WST250A for course description.