Established in 1994, the Discovery program helps Illinois students enhance their education through greater interaction with faculty in small classes. The interactive courses also enable faculty to share their research in a particular area with students. It is intended for first-year students only.

Discovery courses cover a wide range of disciplines and enrollment is limited to a maximum of nineteen students per section. Some Discovery courses can be used to satisfy General Education requirements or requirements in a major, while others are electives. Students should only enroll in one Discovery course.

**College of Agricultural, Consumer and Environmental Sciences**

**ABE 199 (10680) Sustainable Biosystems International**
3 credit hours 2nd 8-Week Course  Instructor: Luis Rodriguez
This course provides an introduction to strategies for improving sustainability of future biosystems, while emphasizing global influences on the viability of solutions. Students will work in small faculty-led teams with peers from the University of Puerto Rico at Mayaguez on engineering-based projects with quantifiable impacts on sustainability. A study tour to Puerto Rico will occur during winter break, 2015-2016, for project implementation. A study tour fee will be assessed in the amount of $2,431, which covers the cost of round-trip airfare, ground transportation, lodging, and in-country programming. Open to engineering and non-engineering majors.
[http://biomasslab.illinois.edu/BioMASS/Sustainable_Biosystems_International.html](http://biomasslab.illinois.edu/BioMASS/Sustainable_Biosystems_International.html)

**ACES 298 (29753) Discovering Systems of the Caribbean Islands**
3 credit hours 2nd 8-Week Course  Instructors: Meredith Blumenthal & Soo Lee
An examination of Social, Agronomic, and Environmental Systems in the Caribbean. This course has a mandatory 10-day field trip in early January. There is a program fee of $1,700 which includes roundtrip airfare from Chicago, lodging, on the ground transportation costs and most meals. Scholarships are available.

**CPSC 112 (63271) Introduction to Crop Sciences**
4 credit hours  Instructor: F. William Simmons
Introductory course covering principles of growth, production, protection, and improvement of crop plants. Topics covered include form, function, and uses of crops; mechanisms and factors responsible for plant growth and development; crop pests and pest protection; specific crops; and advances in crop production. Concepts are discussed in lecture and reinforced in corresponding hands-on laboratory sections.

**General Education: Life Sciences**

**FSHN 199 (54313) Nutrition, Fitness & Wellness**
3 credit hours  Instructor: Tim Garrow
This course covers the importance of diet to achieve optimal nutrition; the role of various types of physical activities to achieve fitness; and ways to manage stress and adopt other health-promoting behaviors so as to maximize wellness throughout each stage of adulthood.
HDFS 105 (58271) Intro to Human Development
3 credit hours  Instructor: Kelly Bost
Systematic overview of the psychological, biological, familial, and cultural factors related to human
growth and development across the life span.

General Education: Behavioral Science

HDFS 199 (49967) 1st 8-Week Course How to Have a Happy Family
1 credit hour  (64401) 2nd 8-Week Course  Instructor: Constance Shapiro
This course addresses issues that families face as they strive for satisfying relationships with one
another, such as choosing a life partner, parenthood, work-life balance, financial stress,
communication issues and interpersonal violence.

College of Applied Health Sciences

CHLH 260 (41560) Introduction to Medical Ethics
3 credit hours  Instructor: Stephen Notaro
This course will take a community health perspective in introducing students to a wide range of
issues in modern medical ethics. Special focus will be given to how we handle critical ethical issues
in health care and how to resolve dilemmas. Particular attention will be given to case studies
reviewing end of life decisions. All of us will participate in medical decision making in our lifetimes,
as professionals, patients or as family members, so this class has the potential to be enormously
influential. The objective of this class will be to empower students with a basic understanding of the
forces that shape the medical decisions that they will encounter in their lives. It will address
research ethics and ethical issues in clinical practice. This course will inform issues of practical,
philosophical importance for all members of our society.

General Education: Humanities & the Arts

RST 199 (58251) Leisure and Cultural Diversity
3 credit hours  Instructor: Michael Raycraft
We are all products of our own culture. We view the world in ways we have been conditioned and
draw conclusions based on our own ethnocentric perspective. This course will challenge
individuals to step outside their orientation by demonstrating how leisure is a central part of the
human experience and that it can be used as a vehicle for increased awareness and appreciation
of other cultures. We will celebrate the leisure experience by engaging in a series of artistic, sport,
religious and recreation activities, developing cross cultural knowledge and skills and examining
critical issues and values associated with thriving in an increasingly global world community.

College of Education

EPS 199 (40564) Back to the 1960s
SOC 199 (49855)
3 credit hours  Instructor: Bernice Barnett
This course introduces students to the exciting 1960s from the U.S.-Soviet space race and the
British invasion in music to the popular culture, counter culture (Hippies, Yippies, Diggers, Merry
Pranksters), and socio-political-historical-educational times! Students will reflect on a generation of
leaders (John Kennedy, Lyndon Johnson, Richard Nixon), movement activities (Betty Friedan,
Martin Luther King, Jr., Cesar Chavez, Ella Baker, Septima Clark), ideas, events, and issues
(social, educational, political), many of which were reflected by the songs, music, musicians
(Beatles, Rolling Stones, Bob Dylan, etc), rock festivals, poetry, poets, literature, art, television, movies, fashions, fads, and social movements, e.g., student/youth, free speech, Vietnam/anti-war protests, peace, women's/feminist, African American, Chicano-Latino, Asian American, and Native American civil rights struggles as well as environmental and alternative schools movements (freedom schools, citizenship schools, etc.).

SPED 117 (32675) The Culture of Disability
3 credit hours
Instructor: Lisa Monda-Amaya
While disability knows no boundaries, cultures vary in the opportunities they provide for all persons and the status of disability rights. In this course, students are introduced to the culture of disability and real issues related to the inclusion of persons with disabilities across the lifespan in any aspect of society (e.g., social, political, educational, recreational, health, employment). Students learn about the experiences and challenges of persons with special needs (ages infants through adults) often from the individuals themselves, family members, or professionals in the field. Students are challenged to expand their conceptualization of diversity and increase their awareness of attitudes, actions, and environments that include and exclude persons with different cognitive, physical, and mental abilities and disabilities.

General Education: Historical & Philosophical Perspectives

College of Engineering

BIOE 198 (65070) Nanotechnology: Risks & Promise
3 credit hours 1st 8-Week Course Instructor: Dipanjan Pan
In this first-year discovery program course, students (science and non-science majors) will be introduced to this fascinating world of nanotechnology and their numerous applications in biomedical arena. Examples of these applications will include, live cell labeling/imaging, theranostics (imaging and therapy), biosensors for in vitro diagnostics, stem cell labelling, immunochemistry, functional protein studies, microarray analysis etc. Furthermore, this course will discuss various aspects of health perils and consequences to the environment these particles could have. Topics will include, biological barriers encountered by nanoparticles, cellular and systemic toxicity, surface chemistry of particles affecting their clearance and distribution in living systems and their interaction with the ecosystem. Not open to Bioengineering majors.

CEE 199 (55793) Structure of Ballparks
1 credit hour
Instructor: James LaFave
This course traces the history of ballpark design and construction from a structural engineering perspective. Topics include material selection and structural system options, as well as functional and architectural considerations. Evolution of baseball stadiums from simple wooden structures to modern steel and concrete ballparks is examined, including treatment of cantilevered trusses, precast concrete components, facades, and retractable roof structures. Engineering examples are also drawn from recent renovations and expansions of historic baseball stadiums.

ME 199 (58727) Biological and Bioinspired Materials
1 credit hour
Instructor: Iwona Jasiuk
Overview of metals, ceramics, polymers and composite materials. Study of biological materials: mineralized tissues (bone, dentin, enamel, nacre), soft tissues (ligament, tendon, muscle, cartilage, skin, brain), natural fibers (wool, cotton, silk), woods, and other natural materials. Hierarchical
structures and materials properties, including growth, self-healing, and regeneration. Biomimetic and bioinspired materials. Materials recycling and sustainability.

**PHYS 192 (54434)**  
**Science and Pseudoscience**  
**1 credit hour**  
**Instructor:** Kevin Pitts  
Extra-sensory perception, alien abduction, and psychic crime-solving from the standpoint of scientific inquiry and exploration; the scientific method, how science progresses, and the types of argumentative fallacies that pervade the pseudoscientific community; examples of good science and how the scientific method is self-correcting.

**PHYS 193 (55787)**  
**The Physics of Music**  
**2 credit hours**  
**Instructor:** Steven M. Errede  
Covers the following topics and has accompanying lab demonstrations and experimental setups for hands-on direct/active learning experiences for the students: The physics of sound (propagation of sound waves), the physics of hearing (psycho-acoustics), the physics of music (all musical styles and music in the natural world--living organisms and physical processes), the physics of musical instruments (brass, wind, strings percussion, song, electronic, computer and beyond). Each student does a POM-related research project of their own choice; the POM lab equipment provides many research opportunities to investigate the acoustical physics of sound production of musical instruments and sound propagation in general. For more info, please see/visit:  
[http://courses.physics.illinois.edu/phys193/](http://courses.physics.illinois.edu/phys193/)

**PHYS 194 (54479)**  
**Behavior of Complex Systems**  
**1 credit hour**  
**Instructor:** Alfred Hubler  
Exploration of systems with simple rules that nevertheless exhibit complex behavior. Lecture demonstrations on fractal growth, chaos, catastrophes, self-assembly, lightning, turbulence, explosions, and human rhythms. Simple computer models which exhibit regular, irregular, symmetric, and self-similar patterns and dynamics. Dynamics of isolated and coupled complex systems and mathematical tools for quantifying complex behavior.

**PHYS 199 (62928)**  
**Sustainable Energy**  
**1 credit hour**  
**Instructor:** Scott Willenbrock  
Modern society uses an enormous amount of energy, derived mostly from the burning of coal, oil, and natural gas. Not only are these resources finite, but their continued use is causing global climate change. In this discovery course we critically explore the alternatives to our present energy systems.

**College of Fine & Applied Arts**

**ARCH 199 (56408)**  
**Daylight Principles and Strategies for Sustainable Architecture**  
**3 credit hours**  
**Instructor:** Mohamed Boubekri  
This is a lecture/discussion/studio course based on a series of lectures, field trips, case studies and interactive multimedia teaching tools. Students will learn the importance of sustainability as it relates to building design, daylighting and architecture. Through hands-on learning techniques involving computer simulations and scale models, students will be introduced to various techniques to visualize the luminous quality of building interiors, to assess the performance of various
daylighting systems and their impact on building occupants and architectural design. In doing so, students will gain an understanding of the impact of daylighting as an informer of building form, its poetry and aesthetics, and on sustainable architecture. They will also gain experience that they can use in their real lives.

**ART 199 (12117) 3D Studio/Making Has Meaning**  
*Instructor: Melissa Pokorny*  
3 credit hours  
The purpose of this class is to introduce a variety of materials and process used by artists, craftspeople and designers. Class meetings will focus on weekly investigations into 3D material practices and fabrication methods which may include: Modeling Mass: Clay, Plaster and Epoxy; Cut and Cover: Paper, Fabric, Sheet Metal; Line and Structure: Wire, Wood and Welding; and FabLab: Digital Tools Versus the Hand. Fabrication demonstrations will be presented weekly, culminating in the completion of longer, individual projects that consider our everyday entanglement with objects, the status and difference between art, craft and design ideologies, and the emergence of the maker and DIY movements. Materials Fees: $65.00.

**ART 199 (51787) Expressive Painting & Drawing**  
*Instructor: Chris Kienke*  
3 credit hours  
A creative and expressive exploration of Drawing and Painting. Students will be introduced to a variety of media through meaningful artistic experiences. Multiple drawings will be completed using wet and dry material. Paintings in oil paint will be produced. Materials Fees: $35.00 Flat Fee.

**ART 199 (48037) Crafts and Design**  
*Instructor: Billie Theide*  
3 credit hours  
Introduction to the elements, principles, and processes of design. Students will investigate basic design concepts in four four-week workshops in craft/material studies. Design strategies will be introduced via a survey of basic techniques in metalworking, glassmaking, bookmaking, ceramics, and fiber. This course is designed for the non-art major who seeks an introductory hands on art making experience. Materials Fees: $95.00.

**ART 199 (40485) Basic Photography: Natural Light Portraiture**  
*Instructor: Linda Robbenold*  
3 credit hours  
Students will examine and work with the basic components of natural light portraiture. The class is weighted towards shooting skills, but students will also learn basic Photoshop to produce prints. This is a hands-on production class and students should expect to finish with a small portfolio of images. Students will need a digital camera of some sort (from a cell phone to a DSLR), and will pay a facility lab fee and minimal 'per print' costs required of all students using the digital printing labs. $95 Facilities Charge.

**ART 199 (40483) Experiments in Painting and Collage**  
*Instructor: Glen C. Davies*  
3 credit hours  
This course requires no prerequisites. It will focus on experimental painting and the use of alternative materials and experimental techniques in painting. Students will create works using modeled forms, reliefs, cut-outs, collaged elements, and found objects, along with traditional art materials. We will discuss artists and art movements, including Dadaism, Surrealism, Abstract Expressionism, and Pop Surrealism. Also covered will be innovative and non-conventional approaches to art, including vernacular art by self-taught artists working outside of traditional art
movements and genres. Popular culture will also be a sphere of inquiry, where we will discuss and explore such expressions as tattoos, sideshow banners, and roadside art environments. Other topics might include Days of the Dead in Mexico, graphic novels, comic books, graffiti art, public murals, and the use of distorted and grotesque figuration in painting. Through the observation and examination of the world we live in, and the experimental use of paint and other materials in four projects, we will educate our eyes and learn to make visual associations that yield content and encourage further investigation. Materials Fees: $35.00

DANC 100 (33541 or 33859) Introduction to Contemporary Dance
3 credit hours
Instructors: Philip Johnston & Renee Wadleigh
Intro to Contemporary Dance is an overview of major works, figures, and trends responsible for shaping dance as an evolving contemporary art form. Intended for non-dance majors, the course is comprised of lecture, viewing, discussion and experiential (studio participation) components.

General Education: Literature and the Arts & Western and Comparative Cultures

MUS 199 (38645) Disney, Broadway, and the Art of Songwriting
3 credit hours 1st 8 week course
Instructor: Gayle Sherwood Magee
This course examines the synergy between established Broadway songwriters and Disney film musicals from the late 1980s to the present. Since Snow White in 1937, films produced by the Disney Company have employed and adapted musical styles, song types, and creative personnel active on and off Broadway. The success of The Little Mermaid (1989) and Beauty and the Beast (1991) ushered in a new era of collaboration between experienced songwriters and the film industry, in which the conventions of musical theater reshaped film scores and narratives.

MUS 199 (61305) The Evolution of American Popular Music
3 credit hours
Instructor: Joel Spencer
The course traces the evolution of American Rock & Pop musical genres throughout the latter half of the twentieth century. The course will inspire students to discuss and elaborate on the development of musical style and the artist in relation to the political and social landscape of twentieth century American culture. The course will feature video presentations, listening examples, and lectures.

MUS 199 (42755) Miles Davis
3 credit hours
Instructor: Joan Hickey
The mystique of Miles Davis is discovered as we experience the global influence of this jazz trumpeter, composer, and band leader. The history and impact of jazz will be revealed through discussion, videos, guided listening of recordings, live performances, and guest speakers drawn from the UI School of Music faculty. Developing and improving your ear for all music will be a focus. Jazz embodies the concept of freedom and “color blindness” itself and its legacy is woven into the very fabric of this country's history and culture. Miles Davis is one of the most important artists to represent this art form.

MUS 199 (38206) Music, Science, and Technology
2 credit hours
Instructor: Sever Tipei
An introduction to the use of computer technology in music and to the way scientific ideas and mathematical tools are applied in the creation of new musical compositions. The course offers an insight in the field of Computer Music by giving the students the opportunity to work hands-on in a
major Computer Music laboratory and shows ways in which the development of technology is facilitating the process of globalization. The students will have an opportunity to become familiar with music created during the last 60 years and, at the same time, work on a collective musical project using technology.

**MUS 199 (38648) Piano Study: An Historical Approach**
*Instructor: Reid Alexander*
This Discovery course will provide beginning piano instruction combined with understanding the development of the instrument in the context of exploring the diversity of keyboard music from different countries and cultures dating from circa 1700 to the present including jazz and ragtime. Students do not need background in piano or music to register for the course. Students who have piano experience are also encouraged to enroll. First Year Discovery Program Course.

**MUS 199 (38647) Songwriting**
*Instructor: Adam Kruse*
This class develops and refines songwriting techniques and explores foundations of songwriting in a variety of music genres. Students will write, record, and perform original songs for class, collaborate with and provide constructive feedback for their peers, reflect personally on their experiences, and engage with readings and recordings relevant to class activities. Previous experience playing accompanying instruments and reading standard notation are encouraged but not required.

**MUS 199 (38211) Vocal Music in the African-American Context**
*Instructor: Ollie Watts Davis*
Beyonce is hot. John Legend can croon. These artists have lifted their signature melody and melisma from the Black experience -- finding inspiration and influence from field hollas, gospel, doo-wop and jazz. In MUS 199 explore the voice in the African American context. Discover its origin and intent, mastery and soul through dialogue, research and performance.

**THEA 199 (57815) Play Reading Between the Lines: Post-Soviet Youth Culture**
*Instructor: Valleri Robinson*
The course will examine the urban youth culture that emerged after the collapse of the Soviet Union. Through the analysis of street and body art, punk rock, film, and theatrical performance, students will explore how urban youth disrupted traditional Soviet modes of representing gender, sex and sexuality, substance use, morality, and national identity.

**UP 199 (50203) Teaching Ferguson: Urbanization and Social Justice Struggles in Segregated Cities Worldwide**
*Instructor: Ken Salo*
This course will explore cities as sites of social injustice. Readings will reveal how urbanization processes have led to segregation of cities worldwide. Students will talk and walk with residents of marginalized neighborhoods worldwide--virtually and in person--to learn how they protest urban injustices by occupying public spaces, and how they offer new ways of managing common urban resources and services such as public schools, libraries and parks. Field expeditions will include resident-led walking tours of Champaign-Urbana and Ferguson, MO. Virtual tours will explore
online video and audio archives of urban protests in post-apartheid Cape Town, South Africa; Staten Island in New York, Gezi Park in Istanbul, and Tahrir Square in Cairo.

**College of Liberal Arts & Sciences**

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<th>Credit Hours</th>
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<tbody>
<tr>
<td>ANTH 165</td>
<td>Language and Culture in Native North America</td>
<td>3</td>
<td>Jenny Davis</td>
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Develops understanding of the rich diversity of languages and cultures found among Native North American peoples from the perspectives of sociocultural and linguistic anthropology. **General Education: Non-Western Cultures**

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<td>CLCV 115</td>
<td>Mythology of Greece and Rome</td>
<td>3</td>
<td>Jon Solomon</td>
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This course examines the myths of Greece and Rome, with special emphasis being placed on their cultural contexts (both social and literary), interpretation, and influence throughout the art and literature of Western civilization. **General Education: Literature and the Arts and Western Comparative Cultures**

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<tr>
<td>CMN 101</td>
<td>Public Speaking</td>
<td>3</td>
<td>Mardia Bishop and Tom Costello</td>
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</table>

This course is designed to enhance skills in public speaking. Particular emphasis is given to researching issues, developing logically supported arguments that are appropriate to the interests and beliefs of the audience, organizing ideas clearly, and developing an extemporaneous style of presentation. Students present five graded speeches and engage in additional informal speaking activities.

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<tr>
<td>GEOL 110</td>
<td>Exploring Geology in the Field</td>
<td>1</td>
<td>Stephen Altaner</td>
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GEOL 110 centers around two geology field trips: a 2.5-day trip to the beautiful St. Francois Mountains in southeast Missouri and a 1-day trip to the dramatic cliffs of Starved Rock Park in north-central Illinois. These trips are always memorable and fun and they present great ways to get to know other students, the instructor, and geology, in general. After these trips, rock outcrops never again are featureless walls, but are picture books of Earth history. Classroom meetings cover essentials necessary to understand the geology of the two field trip locations. Course will meet through the end of October. Two field trips required; required $100.00 field trip fee.

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<tr>
<td>LING 199</td>
<td>Constructed Languages: Linguistics in Art and Entertainment</td>
<td>4</td>
<td>Ryan Shosted</td>
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</tbody>
</table>

Analysis of the linguistic structures and development of languages invented for literature, film, television, and online gaming, including comparisons with a variety of non-western and indigenous languages. Students will engage in activities related to language invention in order to better understand linguistic structure and how constructed languages are used to enhance the artistic and humanistic depth and plausibility of imagined worlds.

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<td>LLS 199</td>
<td>Politics of Undocumented Immigration</td>
<td>3</td>
<td>Jonathan Inda</td>
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Instructor: Jonathan Inda
This course focuses on how undocumented immigrants in the United States have historically been constructed as a "problem" and on various ways that political and other authorities have consequently sought to govern them. Topics include nativism, criminalization, illegalization, border policing, deportation, detention and incarceration, welfare reform, anti-immigrant policy activism, and immigrant rights.

MCB 180 (51865) Human Reproduction & Society
3 credit hours Instructor: Lori Raetzman
This course first describes the biology of human reproduction. Then clinical topics including assisted reproductive technologies, sexually transmitted diseases, breast cancer and prostate cancer are covered. Finally, current human reproduction problems with challenging social dimensions such as sexual orientation, gender identity, contraception, abortion and impact of global population growth on planet sustainability are addressed. Emphasis is placed on understanding and appreciating the association of race, gender, economic status, religion and global location with these problems. General Education: Life Sciences

College of Law
LAW 199 (48081) Actual Innocence: Issues in American Criminal Justice
2 credit hours Instructor: Steve Beckett
This course introduces students to the criminal justice system in a variety of ways and exposes potential issues of injustice. It is designed to enhance student understanding and appreciation of the American Criminal Justice system, and to focus on the ways that mistakes that occur in the system are corrected or are not corrected. The course also investigates how the American system may be unique in that it permits self-criticism and correction of itself. Registration restricted to freshmen in the Unit One/Allen Hall Living-Learning Program.

LAW 199 (31664) Poverty Law
3 credit hours Instructor: George Bell
This course will first focus on what it means to be poor, according to the law. Court cases and statutes involving the poor will be studied, in such areas as family law, housing law, health law, welfare law, consumer law and debtor law. The course will examine what it means to practice poverty law and how the law both helps and hinders those who seek "equal justice." Constitutional issues involving due process and equal protection often arise in the study of poverty law. Grading will be by a midterm exam, final exam, and writing assignments, with class attendance and class participation also being taken into consideration. There will be two 75 minute classes each week in the Law Building.

College of Media
ADV 199 (51610) The Audience Marketplace
3 credit hours Instructor: Brett Clifton
Along with producing media, publishers produce audiences. It is the combination of media and audience that are the sources of revenue in their business models. As advertisers increasingly emphasize audience buying, publishers have an opportunity to create growth and optimize revenues from their business models. To do so, they need to begin audience selling. This course is
designed for freshmen students interested in exploring how media companies sell their audiences to advertisers or sponsors. The goal will be to explore the relationship between advertisers, advertising agencies, media sales rep firms and media platforms (e.g. TV, blogs, Facebook, mobile apps, radio, magazines, OOH, etc.) and how advertising and media content support one another. Students who are interested in advertising, marketing, media, sales, etc. would enjoy this class.

**ADV 199 (45303)**  
The Communications Industry: Places, Practices and the Pillsbury Doughboy  
*3 credit hours*  
Instructor: Steven Hall  
This course will cover a variety of topics designed to help students learn more about the communication industry, with an emphasis on the organizations, people and practices that make things happen in advertising, public relations, journalism and media. Registration restricted to freshmen in the Weston Exploration program.

**ADV 199 (51609)**  
Selling the Presidency  
*3 credit hours*  
Instructor: Jason Chambers  
Students will examine and understand the key advertising strategies used to generate voter attention and interest in the presidential candidates for the 2016 election. The advertising industry has been a key element in the presidential elections since the end of World War II, and spending on campaign ads now totals billions of dollars. For many voters, the ads function as an important part of voter information. As news stories or editorials, they are a key factor in how voters learn about and decide upon which candidate they will support. Students in this course will study the tactics, strategy, and rational behind those advertisements.

**ADV 199 (29743)**  
Creativity Conquers the World  
*3 credit hours*  
Instructor: Shachar Meron  
Through class discussion and hands-on exercises, students will learn about theories of creativity, traits of creative people, creative culture, and frameworks for sparking creative thinking. Students will develop the ability to ask the right questions, generate ideas of greater quality and quantity, and spot a Big Idea when they see one.

**AGCM 199 (29817)**  
Controversial Issues in Agriculture and the Environment  
*3 credit hours*  
Instructor: Samantha Koon  
This course explores the communicator's role in addressing controversial issues in agriculture and the environment. Students will study selected issues through the frameworks of conflict, risk, and crisis communication. The goal of the course is to prepare students to facilitate dialogue surrounding contentious issues and develop their capacity to lead collaborative problem solving efforts that address the needs of multiple stakeholders.

**JOUR 199 (33366)**  
Photography Ebook: Creative Works as Undergraduate Research  
*3 credit hours*  
Instructor: Brian Johnson  
Photography is a fantastic medium to help people understand the world around them. Photographic images are a compelling way to use creative artistry as undergraduate research. Each student in this class will conceptualize a research agenda and then create a photographic ebook on diversity and sustainability as a visual method of publishing research. Diversity and sustainability, broadly
defined, will be core topics of the research ebooks students will publish as a result of their investigations during this semester-long hands-on class. No prior photographic experience is required. Cameras provided if needed.

**JOUR 199 (33345)**  
**Sports Broadcasting**  
Instructor: John Paul

This Discovery course will introduce the student to sports reporting with video. Students will learn how to cover the sports beat beyond reporting about a game. Students will shoot, write, report, edit, and present their own sports stories with a focus on Illinois athletics.

**JOUR 199 (55777)**  
**Sports Journalism Today**  
Instructor: Jean McDonald

Students will explore sports journalism opportunities on campus and in the Champaign-Urbana community. Class will feature guest speakers, including representatives from print and electronic media, as well as opportunities to observe these individuals at work. This class may join a sports broadcasting Discovery class taught by John Paul for tours of UI athletic facilities and local media outlets and group projects. Students would produce content for a class website.

**MACS 199 (59822)**  
**Documenting Sporting Cultures**  
Instructor: C.L. Cole

Taking its inspiration from ESPN’s 30 for 30 documentary series, this course investigates various documentary practices related to sport and race, gender and class issues and disability rights. General topics we will discuss include: sports fans; University sport sponsorships; college athletic culture; football and health issues; disability and sports; and sport celebrity scandal. In addition to our readings and screenings, we will make our own short documentary film as a class about a topic arising from our study.

**MDIA 199 (61308)**  
**James Bond and Social Change**  
Instructor: Julian Parrott

What does the cinematic James Bond tell us about culture and society? Through 23 canonical movies over 50 years, the cinematic James Bond has reflected and inspired significant cultural and social change. Through readings, including Ian Fleming's original novel, and selective viewing of Bond movies this class will explore how social change is evident in Bond from changing perspectives on sexuality and sex roles, the representation of minorities, to massive geopolitical shifts, the shifting understandings of, primarily British, nationhood, to the pervasive cultural impact of the James Bond brand.

**MDIA 199 (62878)**  
**Public Media in America: Understanding PBS and NPR**  
Instructor: Jay Rosenstein

Public media occupies a unique position in the American media landscape, created by an act of Congress as media free of ads, commercials, and commercial pressures, where programs with little commercial potentials, but perhaps great educational value, could be seen and heard by the American public. In this class we will study Public Media in America, focusing primarily on the best-known and most popular outlets: PBS television and NPR, National Public Radio. We will learn about the history and current state of public media nationally, pay regular visits to the Champaign-Urbana PBS and NPR stations, and hear presentations from local professionals. This course will
be valuable to all students with an interest in PBS and NPR, and particularly to those who are considering a future career there.

**College of Veterinary Medicine**

**PATH 190 (62870) Journeys into Microbial World**

3 credit hours  
Instructor: Lois Hoyer

They are everywhere. Our unaided eyes cannot see most of them. There are far more of them on the Earth than there are humans and animals. They live in the body and also in some of the most inhospitable environments on the planet. They are used to make many of the foods we eat, yet also can cause food poisoning. They keep us healthy, yet can make us sick. What are these creatures? Microbes! Lectures, discussions and other class activities will explore the contributions that microbes make to the lives of humans and animals, and their role in environmental sustainability. This course is intended for students in the humanities, arts and social sciences who want to understand the role of microbes in daily life and gain the practical knowledge and confidence needed for critical interpretation of information found in the popular press.