

Spring 23: University Honors Program UHON 351 Seminars

- Students may reserve one seat or waitlist a UHP seminar during the March 22-24 online Honors Seminar Reservation process.
- Students must meet their Academic Advisor to obtain their RUN# in order to register.
- Registration must be completed using Saluki-Net or you may forfeit your UHP course reservation.
- Waitlisted students will be contacted as spaces become available.

The Honors cluster theme this year is *Migrations and Borders*. The courses in this cluster are **marked in red**.

351F- Fine Arts

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|-----|--|--------------|------------|----------|
| 001 | Social History of Rock and roll | MF 3:35-5:00 | Faner 1526 | Brozak |
| 002 | Design Theories of Buckminster Fuller | MF 2:00-3:15 | Morris 174 | Davey |
| 003 | Designing Smart and Sustainable Cities- Promises and Challenges – New! | R 4 – 6:30 | Morris 174 | Ashayeri |

351L- Human Health

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|-----|---|--------------|------------|------------------|
| 001 | Seminar in Auditory and Language Processing Disorders | M 11:00-1:50 | Morris 174 | Meadows |
| 950 | Intercollegiate Athletics | W 11:00-1:30 | Virtual | Mahony and Knapp |

351M-Multicultural

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|-----|---------------------------|---------------------|------------|----------------|
| 001 | Social Movements | TR 12:35-1:50 | Morris 174 | Reed |
| 002 | Savage Inequalities | TR 2:00-3:30 | Morris 174 | Stickers |
| 950 | Intercollegiate Athletics | W 11:00-1:30 | Virtual | Knapp & Mahony |
| 800 | The Earth Around You | Spring Break & Prep | TBD | Conder |

351O-Social Science

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|-----|---|---------------|-----------------------|----------------|
| 001 | Savage Inequalities | TR 2:00-3:30 | Morris 174 | Stickers |
| 002 | Restoring American Statesmanship | W 2:00-4:30 | PSPPI Conference Room | Shaw |
| 003 | Social Movements | TR 12:35-1:50 | Morris 174 | Reed |
| 004 | Seminar in Auditory and Language Processing Disorders | M 11:00-1:50 | Morris 174 | Meadows |
| 950 | Intercollegiate Athletics | W 11:00-1:30 | Virtual | Knapp & Mahony |

UHON Elective Seminar:

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| 111 | The Honors Colloquium | T 4:00- 6:30 | Morris 174 | Donoghue |
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351U-Humanities

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| 001 | Social History of Rock and roll | MF 3:35-5:00 | Faner 1526 | Brozak |
| 002 | Design Theories of Buckminster Fuller | MF 2:00-3:15 | Morris 174 | Davey |
| 003 | Savage Inequalities | TR 2:00-3:30 | Morris 174 | Stickers |
| 004 | Pyrogeography: The History of fire on Earth – New! | TR 9:30-11:00 | Morris 174 | Ruffner |
| 005 | Restoring American Statesmanship | W 2:00-4:30 | PSPPI Conference Room | Shaw |
| 006 | Designing Smart and Sustainable Cities – Promises and Challenges – New! | R 4 – 6:30 | Morris 174 | Ashayeri |

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| 950 | Intercollegiate Athletics | W 11:00-1:30 | Virtual | Knapp & Mahony |
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351S1 - Science 1

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| 800 | The Earth Around You | Spring Break & Prep | TBD | Conder |
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351 S2: Science 2

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|-----|--|---------------|------------|---------|
| 001 | Pyrogeography: The History of fire on Earth – New! | TR 9:30-11:00 | Morris 174 | Ruffner |
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COURSE DESCRIPTIONS

Designing Smart and Sustainable Cities-Promises and Challenges. New!

In recent years, advances in new technologies of information and communication technology (ICT), internet of things (IoT), big data, and artificial intelligence (AI) have dramatically changed how we experience city life and the ways in which it is still being transformed. It is now possible to plan cities with a degree of information and coordination not possible before. In this course, we will study how these technological advances may be used to design cities that center the human experience, are environmentally sustainable, and capable of responding to an uncertain future. You will learn about contemporary explorations in designing smart and sustainable cities, the challenges they face, and what is currently possible. You will be introduced to methods employed by city planners, such as data visualization and using AI and big data to predict and model. This is an introductory course designed for students across different majors. No previous knowledge of urban planning is necessary, only your imagination about what city life can be.

Mehdi Ashayeri, PhD, Assistant Professor, Architecture, College of Arts and Media.

Social History of Rock and Roll

What elements of music in a given work make it unique, interesting, and expressive? How do these elements differ from one artist to the next? How were artists (and their music) influenced by race, socio-economic status, culture, gender, and sexuality? How did the development of various instruments influence the “birth” of rock? What new methods of performance were a result of these developments? Many artists unknowingly signed-away the rights to their music for a few dollars; how have copyright laws in America progressed?

George Brozak, Associate Director of Bands, Music, College of Arts and Media.

The Earth Around You

The Earth Around You is geology applied to living. We will examine how geologic processes and hazards influence human activities (and the reverse) and the geologic aspects of economics pollution, and waste disposal problems. The most effective way to learn about the Earth and its processes is to observe it first-hand. We will have the opportunity to discover and observe the geologic processes, structures, and treasures that shape the world around them through a study abroad opportunity in Costa Rica. The country lies on a subduction zone making it prone to earthquakes, volcanoes, and tsunamis. At the same time, the volcanic soils and topography ranging from the coast to the volcanic highlands, make for a diverse ecology and agriculture. For example, bananas and coffee grow in different climes of which Costa Rica has both. The diversity in eco-systems range from rain forest to cloud forest to desert to estuaries and coral reefs. The country is a leader in renewable energy - primarily hydropower, but the development of Lake Arenal for hydropower has come with its own environmental costs. Travel to Costa Rica will occur over Spring Break and we will be meeting before and after the travel to prepare, reflect on, and analyze. Time TBD based on the cohort. Cost: app. \$3400.

James Conder, Professor, Geology, School of Earth Systems and Sustainability, College of Agricultural, Life and Physical Sciences.

Design Theories of Buckminster Fuller – New!

The seminar will introduce students to the ideas, concept, and theory and design approaches of R. Buckminster Fuller. Buckminster Fuller (1895-1983) is the renowned inventor of the geodesic dome, the world game, and a new system of mathematics called synergetics. He was a polymath whose writings and lectures touched upon every aspect of the human condition. He was a “new-former” pointing out, exploring and prototyping designs in numerous, previously uncharted areas of science and humanity. His greatest writings were *Critical Path*, *Synergetics*, and, posthumously, *Cosmography*. Since his death a class of recently discovered allotropes of carbon, the fullerenes, have been named in his honor.

Jon Davey, Professor, Architecture, College of Arts and Media.

The Honors Colloquium

Learn about the world of opportunities that may support and enrich an undergraduate or graduate education. This course is an introduction to the process of applying for major scholarships; to the elements of writing style for major scholarship applications; and to other aspects typical of scholarships, graduate, and professional school applications. This class will guide you through this process of self-reflection as you craft essays, develop interview skills and discover research opportunities.

***Participation is highly selective and requires an application essay. Contact Elizabeth Donoghue, Assistant Director, University Honors Program at Elizabeth.donoghue@siu.edu or stop by her office at Morris 184D**

Intercollegiate Athletics: Origins Through Contemporary

Intercollegiate athletics has been referred to as the front porch of the modern U.S. university. What started out as student-run sport clubs at elite private institutions eventually became recruiting and marketing tools for colleges and universities throughout the U.S. This course will chart the history of intercollegiate athletics from its start on the playing fields of Yale, Harvard, Princeton, and other private institutions as student-run, student-played, and student-coached sporting clubs to the development of the Power Five Conferences and football coaches who make over \$8 million dollars a year. As part of this exploration, the course will also examine the impact of systems of socio-economic class, race, ethnicity, sex, gender, sexuality, disability on the intercollegiate athletic experience. We'll also cover topics such as amateurism, labor unions, activism and protests, academic scandals, sport-industrial-military complex, and reform.

Bobbi Knapp, Associate Professor of Sport Studies, Kinesiology and Daniel Mahony President, Southern Illinois University System

Auditory and Language Processing Disorders and the Effects on Literacy and Learning – New!

People with auditory processing disorders face certain challenges in communicating with others. They may have difficulty in "hearing" small differences in language (auditory processing disorders), continued listening in noisy environment, or "making sense" of the words they hear. In this course, we will learn to identify and understand auditory processing deficits and their implications for how children acquire and process language and literacy. Understanding communication disorders is a universal skill, useful not just for teachers and health professionals, but in any walk of life. Designed for majors across campus, this seminar does not require any previous understanding of communication disorders. All you need to bring with you is your curiosity about how intricate and complex is our ability to communicate with others.

Atheana Meadows, Lecturer, Communication Disorders and Sciences, The Rehabilitation Institute.

Social Movements– New!

Social Movements is intended to give students a broad understanding of social movement analysis and issues. It specifically sets out to answer the following questions: What is a social movement? In what ways do they change society? Under what conditions do social movements emerge? What are the objective and subjective conditions that make political contention possible? To answer these questions, UHON 351 sets out to study the civil rights movement and the various analytical theories and concepts associated with the study of social movements.

Jean-Pierre Reed, Associate Professor, Sociology, College of Liberal Arts

Pyrogeography: The History of Fire on Earth – New!

Pyrogeography is the study of the history of fire on planet Earth integrating plant and animal evolution, global ecologies, and human-social developments through time, leading into modern issues of climate change and loss of biodiversity. Students will be exposed to the extremely long history of fire here on Earth that has shaped ecosystems as well as fostered our own human development and evolution through reading current literature and discussing modern issues of firestorms through mixed media presentations and videos. While the study of fire has a long history, this new field is exciting and integrates so many fields of scientific inquiry that surely students will find the course engaging, timely, and expansive to their breadth of studies here at the University.

Charles Ruffner, Professor of Forestry, School of Forestry and Horticulture, College of Agricultural, Life and Physical Sciences.

Restoring American Statesmanship

This course will examine the quality of statesmanship in the public affairs of the United States. It will examine the essential qualities of statesmanship, consider its importance in American history, and ask what can be done to restore the ethos of statesmanship in the United States. Statesmanship will be essential if the nation is to address such historic challenges as health care reform, deficits and debt, and climate change. Especially in the area of climate policy, the absence of statesmanship could have catastrophic consequences for the United States and the world.

John Shaw, Adjunct Professor, Director of the Paul Simon Public Policy Institute.

Savage Inequalities: The Growing Wealth Gap in America

This course will:

- a) survey the extent of wealth disparity in the U.S.;
- b) identify the causes for it, both within deep-rooted attitudes and social patterns in American history (e.g., capitalism, the Protestant ethic, social Darwinism, the Horatio Alger myth, and the American dream) and in more recent events, such as changing tax policies, increasing global competition, the decline of unions, and the changing American labor force;
- c) consider the various consequences of such wealth inequality, such as its effects upon education, health, American democracy, and feelings of insecurity; and
- d) offer philosophical and ethical principles of justice by which students can critically examine various proposals for reversing the growing inequality of wealth, such as tax reform, wage limits, reestablishment of unions, drawing from Native American gift economies and the highly successful Mondragon economic model in the Basque region of Spain.

Kenneth Stickers, Professor, College of Liberal Arts, School of History and Philosophy