

## Spring 2022: University Honors Program (UHP) UHON 351 Seminars

- Students may reserve one seat or waitlist a UHP course during Early Reservation. Date TBD
- Students must meet their Academic Advisor to obtain their RUN# before registering;
- Registration must be completed using Saluki-Net or you may forfeit your UHP course reservation;
- Waitlisted students will be contacted as spaces become available

Each year, the Honors Program takes on a concept or problem to explore in teaching, student and faculty research, speaker series, events, and service opportunities on campus and in the community. Our theme this year is *The State of Climate Emergency: The Earth and Us*. The courses in this cluster are **marked in red**.

### 351F- Fine Arts

001	Social History of Rock and Roll	MW 3:30-5	FANR 1526	Brozack
002	Third Cinema: Latin American Documentary	T 11:00-2:00, R 11:00-11:50	Lawson 161	Kapur & Smith
003	Contemplating Apocalypse in Literature Film, and Philosophy	TR 9:35-10:50	Morris 724	Stickers
004	The 1000-Year Journey: Humanity Beyond Earth	MW 2-3:15	Morris 610A	Punske

### 351L- Human Health

953	Yoga for Harmonious Living	T 2:00-4:30	Virtual synchronous	Tigerlily
954	Yoga for Self-Realization	R 2:00-4:30	Virtual synchronous	Tigerlily

### 351M-Multicultural

001	Social History of Rock and Roll	MW 3:30-5	FANR 1526	Brozack
953	Yoga for Harmonious Living	T 2:00-4:30	Virtual synchronous	Tigerlily
003	Third Cinema: Latin American Documentary	T 11:00-2:00 & R 11:00-11:50	Lawson 161	Kapur & Smith
954	Yoga for Self-Realization	R 2:00-4:30	Virtual synchronous	Tigerlily
950	Intercollegiate Athletics: Origins Through Contemporary	W 11-1:30	Virtual Synchronous	Knapp & Mahoney

### 351O-Social Science

001	Mathematics of Climate Change	MWF 9-9:50	Morris 722	Calvert
004	The 1000-Year Journey: Humanity Beyond Earth	MW 2-3:15	Morris 610A	Punske
950	Intercollegiate Athletics: Origins Through Contemporary	W 11-1:30	Virtual Synchronous	Knapp & Mahoney

## **351U-Humanities**

001	Social History of Rock and Roll	MW 3:30-5	FANR 1526	Brozack
953	Yoga for Harmonious Living	T 2:00-4:30	Virtual synchronous	Tigerlily
003	Third Cinema: Latin American Documentary	T 11:00-2:00 & R 11:00-11:50	Lawson 161	Kapur & Smith
954	Yoga for Self-Realization	R 2:00-4:30	Virtual synchronous	Tigerlily
006	Contemplating Apocalypse in Literature Film, and Philosophy	TR 9:35-10:50	Morris 724	Stickers
008	The 1000-Year Journey: Humanity Beyond Earth	MW 2-3:15	Morris 610A	Punske
950	Intercollegiate Athletics: Origins Through Contemporary	W 11-1:30	Virtual Synchronous	Knapp & Mahoney

## **351S1- Science 1**

001	Mathematics of Climate Change	MWF 9-9:50	Morris 722	Calvert
002	The Future of Space Exploration	TR 4:30-5:50	Parkinson 202	Lefticariu
800	The Earth Around You	Spring break & prep meetings	TBD	Conder

## **UHON Elective Seminar:**

UHON 111:	The Honors Colloquium	F 1-3:30	Morris 610A	Donoghue
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## Course Descriptions

### ***Social History of Rock and Roll***

In this course, we will: 1. Ask what elements of music in a given work make it unique, interesting, and expressive, and how these elements differ from one artist to the next. 2. Investigate how artists (and their music) are influenced by systems and structures like race, socioeconomic status, culture, gender, and sexuality. 3. Trace the development of various instruments and their roles in the “birth” of rock. What new methods of performance were discovered through these developments? 4. And, we will be looking at how copyright laws in America have changed over the years. You may be surprised to learn how many artists unknowingly signed-away the rights to their music for just a few dollars.

**George A Brozak, Director of Athletic Bands, School of Music**

### ***Mathematics of Climate Change-NEW!***

We are living on the precipice of an answer to the most existential question ever asked in the history of our species: Will humanity survive the rapidly changing climate edged on by the consequences of our industrial global ventures? There are few historical comparisons of this weight and magnitude, fewer mutual burdens of uncertainty that the whole species could ponder on. But how do we begin to answer this question? With resolve! And the patience to face the thousands of other questions we must answer first: As global temperatures change, does the world react gradually, or with sudden shifts? How could an increase in temperature give us not only warmer weather but weirder weather? And even with a robust hypothesis, we must still consider the uphill battle of reaching mass consensus. How do you create a change in overall public opinion? How can we make sound, testable, and persuasive mathematical models that let us predict how the world works? In this course, we will attempt to discover methods by which some of these questions might be answered.

**Wesley Calvert, Associate Professor, School of Mathematical and Statistical Sciences**

### ***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 climates 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**

### ***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](mailto:Elizabeth.donoghue@siu.edu) or stop by her office at Morris 184D.**

### ***Future of Space Exploration***

The “Future of Space Exploration” is a seminar course in which you will learn about the past, ongoing, and future space exploration missions led by NASA, ESA, and other space agencies, as well as, by private companies or mixed state-private endeavors. Also pertinent to our theme is the physical exploration of space by unmanned robotic space probes as well as the human spaceflight of the planets, moons and asteroids in the Solar System. This course will also provide you with a general overview of the origin of the solar system, the composition of the planets and moons of the Solar System, and the variety of extra-terrestrial objects that will become a major source of natural resources. We will discuss latest technologies to be employed for the colonization of Moon and Mars including in areas of extraterrestrial water and mineral mining, soil augmentation and food production, and technologies developed for solar and other forms of energy necessary for sustainable Moon or Mars colonies. Additional discussion will include the legal aspects associated with space exploration. We’ll be covering a broad range of subjects, and this course is designed to stimulate intellectual excitement, pique your curiosity, and inspire valuable independent thinking. The 21st Century is the century of space exploration and colonization of new planets! It’s an exciting time to witness!

**Liliana Lefticariu, Associate Professor, College of Agriculture, Life, And Physical Sciences**

### ***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**

### ***Contemplating the Apocalypse in Literature, Film, and Philosophy - NEW!***

It’s the end of the world as we know it! Or as a few people have imagined it. In this class, we’ll peer into the history of one of humanity’s most macabre and fascinating quandaries. We’ll ask: What are some of the main ways in which the end of civilization or the end of humanity have been envisioned in art, literature, film, and philosophy? And how do current concerns and fears regarding climate change compare and contrast with previous concerns and fears regarding the end of civilization, humanity, and the world? What connections can we make between the contemplation of our own deaths and contemplation of the death of civilization, humanity, and the planet?

**Kenneth Stickers, Professor, Department of Philosophy**

### ***The 1000-Year Journey: Humanity Beyond Earth - NEW!***

This course will ask questions about the possibilities of human settlement beyond Earth. Students will be asked to address not only the engineering questions of such journeys and settlements, but questions about the social organization of the societies that will be required and cultural consideration. Student projects are deeply interdisciplinary. This course is largely built out of the [Interstellar Workshop of the Advanced Concepts Team of the European Space Agency](#) held at the European Space Research and Technology Centre in Noordwijk, Netherlands of which Dr. Punske (instructor) was an invited participant.

**Jeffrey Punske, Associate Professor, Department of Linguistics**

### ***Third Cinema: Latin American Documentary - NEW!***

This course considers Latin American Third Cinema in relation to its ongoing impact on socially committed art in our time. Third Cinema grew out of the militant anti-capitalist and anti-imperialist struggles of the 60s and 70s in Latin America and is known for its radical interventions in cinematic form, content, and transformation of the conception of the cinema spectator. We will look at founding texts, filmmakers and theorists, including Patricio Guzmán, Santiago Álvarez, Fernando Solanas & Octavio Getino, Julio García Espinosa, Fernando Birri, Mikhail Kalatozov, Glauber Rocha, Tomás Gutiérrez Alea, and Jorge Sanjinés and consider its legacy both in terms of its investigations into art and politics as well as how it has now surfaced in the radical media produced by social movements employing a range of media technologies, from video to the Internet. In bringing together cinema studies with history, culture, and political activism, this course attempts to deepen our understanding of culture in the broadest sense.

**Jennifer Smith, Associate Professor and Chair, Spanish & Jyotsna Kapur, Professor, Cinema and Director, University Honors Program**

### ***Yoga for Harmonious Living***

Healing begins from a state of relaxation. This statement is deceptively simple and incredibly profound. As a society, we are far from relaxed. We normalize stress and glorify sleeping less; we value productivity over life quality and balance. This course introduces students to the practice and study of Yoga as a way to create and sustain a lifelong practice of self-awareness and healthy living through a focus on the *Yamas* and *Niyamas*, and *Hatha Yoga*. This course asks, how can I relax when I'm so busy? What is Yoga? Meditation? The *Yamas* and *Niyamas*? *Pranayama*? Why do I need to learn how to breathe when I'm already breathing? How can knowledge and practice of Yoga philosophy benefit me? How do I incorporate strategies for living at my fullest?

**Diana Tigerlily, Associate Professor of Practice, Women, Gender, and Sexuality Studies**

### ***Yoga for Self-Realization***

Physical and mental imbalance is one of the biggest obstacles to self-realization. This course, Yoga for Self-Realization, introduces Ayurveda as a way to bring our systems back into balance while juggling the demands of being a University Honors Student. Ayurveda is a holistic system that emphasizes the physical, emotional, mental, and spiritual aspects of health and well-being, and it utilizes diet, lifestyle regimens, yogic practices and meditation as methods of wellness. In this course, students will learn how to determine their individual Ayurvedic constitutions and the foods, yoga poses, and lifestyles best suited to their unique, personal make-up. This course asks, what is Ayurveda and how can it facilitate holistic well-being? What is the subtle body and its relationship to my physical body? Why do certain foods impact my emotional and mental states? How do I create a lifestyle for holistic health & self-realization?

**Diana Tigerlily, Associate Professor of Practice, Women, Gender, and Sexuality Studies**