



Winter 2020 Honors Seminars

Seminars are restricted to students currently enrolled in the College Honors Program through College of Letters and Science, or students in the College of Creative Studies.

These **two-unit** courses provide an opportunity for research exploration in various disciplines and consider advanced studies beyond college. To earn honors credit, seminars must be completed with a **letter grade** of B or higher. **Eligible students may take 8 units maximum of INT 84 seminars and 8 units maximum of INT 184 seminars.**

*Add codes are not required for most Honors Seminars, with a few exceptions (if you are prompted for an add code, please contact the **instructor for more information**)

***Please note if your class is not a 10-week course the add/drop deadline may be earlier.**

INT 84AH

- **Title:** Special Relativity for Pedestrians
- **Instructor:** Tengiz Bibilashvili
- **Instructor Email:** tbib@ucsb.edu
- **Department:** Physics
- **Day - Time - Room:** Wednesday 5:00-6:50 in GIRV 1115
- **Enroll Code:** 27813

Course Description: The goal of the seminar is to teach Special Relativity (SR) using Einstein Notation (EN). The class is designed for enthusiastic students with no or little background in SR. Prerequisite Physics 20, and 21, or at least concurrent enrollment in Physics 21. First we will see how EN is used in non-relativistic physics. Then we will learn SR using EN. At the end we will explore how relativistic kinematics is used in High Energy Experiments (HEX) in colliders (like LHC). Good grasp of EN will prepare students to better understand General Covariance of Physics laws like Maxwell's equations in Electromagnetism.

Bio: Dr. B aka Tengiz Bibilashvili earned his Ph. D. at Tbilisi State University. His thesis was about Non-equilibrium Quantum Field Diagrammatic. Later he focused on teaching physics and he prepared several Gold, Silver and Bronze Medal winners at the International Physics Olympiads. Currently Dr. B is teaching classes and provides academic advice. Most of his students continue their education in top universities or start their career right after graduation with BA in physics.

INT 84AK

- **Title:** Revolutionary Energy: Modernist Art, Literature and Culture from Picasso to Ai Weiwei
- **Instructor:** Enda Duffy
- **Instructor Email:** duffy@english.ucsb.edu
- **Department:** English
- **Day - Time - Room:** Friday 10:00 - 11:50 in SH 2714
- **Enroll Code:** 61481

Course Description: A comprehensive look at how modernist art and modernist writing revolutionized culture in the early twentieth century, setting in place the way we live, think and experience the world today. We will read passages by Joyce, Woolf, Djuna Barnes, T.S. Eliot, and Franz Kafka. We will look at paintings and artworks by Picasso, Merrit Oppenheim, Man Ray, and many others. The seminar will culminate in a visit to the Santa Barbara Art Museum, where we will look at some genre-bending modernist art.

Bio: Author of *The Speed Handbook*, scholar of James Joyce, Prof. Enda Duffy is an expert on early twentieth century literature and culture. From Ireland, he earned his PhD from Harvard and teaches in the English Dept. at UCSB where he is the Arnholt Presidential Dept. Chair in the English Dept. His latest book projects are a study of emigration and Irish writing, entitled *Wild Irish*, and a book on energy in 20th century culture.

INT 84AS

- **Title:** Oral Interpreting: Hands On!
- **Instructor:** Aline Alves Ferreira
- **Instructor Email:** aferreira@spanport.ucsb.edu
- **Department:** Spanish and Portuguese
- **Day - Time - Room:** Monday 12:00-1:50 in HSSB 2201
- **Enroll Code:** 61515

Course Description: Introduction to develop all the skills you need to begin a career as an interpreter.

***** Please note that this seminar is for students that only speak - Spanish and/or Portuguese and English. *****

Bio: Dr. Aline Ferreira is the director of the Bilingualism, Translation, and Cognition Laboratory (Phelps Hall 4325), where she collects and analyzes reading and translation process data and measures different aspects of cognition. Ferreira was a post-doctoral research fellow in psychology at Wilfrid Laurier University in Waterloo, Ontario, Canada. Ferreira is the coeditor of the books *The Handbook of Translation and Cognition* (Wiley-Blackwell), *The Development of Translation Competence: Theories and Methodologies from Psycholinguistics and Cognitive Science* (Cambridge Scholars Publishing), and *Psycholinguistic and cognitive inquiries into translation and interpreting* (John Benjamins Publishing). She has also published studies in journals and books such as *Translation and Interpreting Studies* (John Benjamins Publishing), *Innovative Research and Practices in Second Language Acquisition and Bilingualism* (John Benjamins Publishing), *Reading and Writing* (Springer), *The Routledge Handbook of Translation and Linguistics* (Routledge), *Spanish Journal of Applied Linguistics* (John Benjamins Publishing), *Cadernos de Tradução*, and *Canadian Journal of Applied Linguistics* (among others – please see the complete list: <https://alineafe.wixsite.com/mysite>).

INT 84AW

- **Title:** Beowulf: Medieval + Modern
- **Instructor:** Heather Blurton
- **Instructor Email:** heatherblurton@english.ucsb.edu
- **Department:** English
- **Day - Time - Room:** Wednesday 12:00-1:50 HSSB 4202
- **Enroll Code:** 61564

Course Description: The first half of this seminar will consider the medieval poem Beowulf in its original cultural context; the second half will consider it in our own, reading two modern adaptations of the poem, and asking how they interpret it as well as how they speak to contemporary concerns. This seminar offers an opportunity for a deep dive into one of the seminal works of English literature, while at the same time thinking about the relevance of canonical works of literature to our own time and place.

Bio: Heather Blurton teaches medieval literature in the department of English.

INT 84AX

- **Title:** "Musical Stories: Migration and the Politics of Belonging in Contemporary Spain"
- **Instructor:** Silvia Bermúdez
- **Instructor Email:** bermudez@spanport.ucsb.edu
- **Department:** Spanish and Portuguese
- **Day - Time - Room:** Tuesday 4:00-5:50 in PHELP 2514
- **Enroll Code:** 61549

Course Description: This seminar addresses how diverse musical narratives--pop, rap, hard-rock, ska, salsa--produced in Spain between the 1980s and the first two decades of the 21st Century serve as cultural responses to the legislative measures enacted to prevent entry into Europe.

Bio: Silvia Bermúdez is Professor of literature and cultural studies in the Department of Spanish and Portuguese where she teaches courses on contemporary Iberian Studies, popular music, and poetic discourses.

INT 84AZ

- **Title:** Torture
- **Instructor:** Lisa Hajjar
- **Instructor Email:** lhajjar@soc.ucsb.edu
- **Department:** Sociology
- **Day - Time - Room:** Wednesday 5:00-6:50 in HSSB 2201
- **Enroll Code:** 61523

Course Description: We will study torture (intentional violence against people in custody) in historical and global perspectives to understand its role in developments in law, the security state, and warfare. The highlight will be US torture in the "war on terror" and its complex legacy on the US legal system and politics.

Bio: Lisa Hajjar is a professor of Sociology. Her work focuses on the intersections of law and violence, including military occupations, war crimes, torture, and international criminal justice.

INT 84BA

- **Title:** Existentialism
- **Instructor:** Andrew Norris
- **Instructor Email:** anorris@polsci.ucsb.edu
- **Department:** Political Science
- **Day - Time - Room:** Thursday 9:00-10:50 in GIRV 2110
- **Enroll Code:** 61507

Course Description: Existentialism is one of the most important and popular philosophical movements of the 19th and 20th centuries. It is centrally concerned with the meaning of life in a world in which there are no fixed and authoritative guidelines for human action. In this course we shall read selections from the most prominent authors associated with this movement, including Tolstoy, Kierkegaard, Nietzsche, Heidegger, and Sartre. Students should be prepared to read twenty pages or so of challenging material every week. Student assessment will be based upon weekly reader response essays and class participation. Reader response essays are due noon the day before class; they should be submitted via e-mail to the address above. They should, in no more than one page, identify two passages that need to be discussed, and explain about each (a) why it seems particularly important and (b) why it is so unclear or confusing as to require discussion.

Bio: Andrew Norris is Professor of Political Science. He is the author of *Becoming Who We Are: Politics and Practical Philosophy in the Work of Stanley Cavell* (Oxford University Press, 2017) and more than thirty articles, most of which address topics in modern and contemporary political philosophy. He has also published on *Blade Runner* and on Kierkegaard. He is a huge fan of "existentialist cops and robbers" movies.

INT 84BC

- **Title:** Yoga: Theory, Practice, Culture
- **Instructor:** Roberto Strongman
- **Instructor Email:** rstrongman@ucsb.edu
- **Department:** Black Studies
- **Day - Time - Room:** Friday 1:00-2:50 in RGYM 1430
- **Enroll Code:** 63982

Course Description: Yoga is a Sanskrit term that can be best translated as "Integration." The course aims to develop an integral understanding of the history of yogic knowledges with roots in South Asia, creolization with XIX Century European body culture during the era of British imperialism, and a capitalist and often culturally-appropriative global spread in the late XX Century and beyond. This historical and philosophical material will be "yoked" (a cognate of "yoga") with a physical asana practice: the class will be organized in weekly two-hour

sessions, with the first hour devoted to lecture and discussion and the second hour to a physical postural and breathing practice thematically wedded to the readings. As such, the deeper, even metaphysical, goal of the course will be to bring "union" to the budding scholar, fomenting a balanced, equanimous and holistic body-mind.

Bio: I am scholar of embodiment. My current work focuses on trance possession and altered states of consciousness in Black Atlantic religions and beyond. In addition to my doctorate in Cultural Studies from UCSD Literature, I hold I am scholar of embodiment. My current work focuses on trance possession and altered states of consciousness in Black Atlantic religions and beyond. In addition to my doctorate in Cultural Studies from UCSD Literature, I hold a 500 hour certification as a yoga instructor. Please refer to the following two links for further information on my recently published book by Duke UP and other articles:

<https://www.dukeupress.edu/queering-black-atlantic-religions>

<https://www.blackstudies.ucsb.edu/people/roberto-strongmana> 500 hour certification as a

INT 84BD

- **Title:** Religious Environmentalism in the Anthropocene
- **Instructor:** Mayfair Yang
- **Instructor Email:** yangm@ucsb.edu
- **Department:** Religious Studies
- **Day - Time - Room:** Wednesday 1:00-2:50 HSSB 2212
- **Enroll Code:** 63990

Course Description: This seminar will address possibilities for religious environmentalism, focusing on the instructor's research on Chinese religions (Buddhism, Daoism, popular religion), and also American Christianity. Topics include: 1) "deep time" of geology, astronomy, Buddhist kalpas, Daoist cosmology; 2) Chinese native-place, ancestors, and local gods; 3) Buddhist vegetarianism, Buddha nature of sentient beings, and rituals of "releasing animals"; 4) Christianity and 19th c. American environmentalism and climate change denials.

Bio: Mayfair Yang received her Ph.D. in Anthropology from UC Berkeley. She was a faculty member in the Anthropology Department at UC Santa Barbara, and is now a Professor in Religious Studies Department and East Asian Studies Department there. Yang was Director of Asian Studies at the University of Sydney in Australia, and has been visiting scholar at the University of Michigan, University of Chicago, Harvard University, Academia Sinica in Taiwan, the Institute for Advanced Study in Princeton, Beijing and Fudan Universities in China, and at Max Planck Institute for the Study of Religious and Ethnic Diversity in Göttingen, Germany. She is the author of *Gifts, Favors, & Banquets: the Art of Social Relationships in China* (American Ethnological Society book prize), and editor of *Chinese Religiosities: Afflictions of Modernities & State Formation*, and *Places of Their Own: Women's Public Sphere in Transnational China*. Her forthcoming book is: *Re-enchanting Modernity: Ritual Economy & Religious Civil Society in Wenzhou, China* (Duke University Press).

INT 84BE

- **Title:** Technology on the Fine Edge of Performing Arts
- **Instructor:** Greg Mitchell
- **Instructor Email:** gmitchell@ucsb.edu
- **Department:** Theater and Dance
- **Day - Time - Room:** Tuesday 9:00-10:50 in DCR TD-West 1530
- **Enroll Code:** 64006

Course Description: This seminar explores an emerging area in my field at the epicenter of my own research. As a designer for live performance I look at the intersection between the fine arts employed in the creation of large scale design structures and technology including Computer Aided Design, CNC Fabrication, Laser Cutting, 3D printing, and digital projection.

Bio: Greg Mitchell is a designer for live performance and interactive installation. His work has been seen all over the world at a diversity of venues including recent projects in Kathmandu, Panama City, Dublin, and Burning Man.

INT 84BF

- **Title:** Performance and Protest
- **Instructor:** Jessica Nakamura
- **Instructor Email:** jnakamura@ucsb.edu
- **Department:** Theater and Dance
- **Day - Time - Room:** Tuesday 4:00-5:50 in TD W 2517
- **Enroll Code:** 64014

Course Description: This seminar introduces students to the interdisciplinary field of performance studies by analyzing connections between performance and protest. Covering a range of protests and performances, from the 1968 student and worker protests in Europe and the US to the 2017 Women's March in Washington, the course will explore the role of performance in protest movements, identifying mechanisms of display, spectacle, and embodiment. We will also look at performance forms that are, themselves, forms of protest, including performance art in public spaces. Assignments will include designing a performance element for a protest and critically analyzing the performance of a live (or recorded, depending on access) protest.

Bio: Jessica Nakamura is an Assistant Professor in the Department in Theater and Dance. Her research on performance in East Asia explores the relationships between contemporary performance and politics.

INT 84BG

- **Title:** Shakespeare Basics
- **Instructor:** Michael Morgan
- **Instructor Email:** michael_morgan@ucsb.edu

- **Department:** Theater and Dance
- **Day - Time - Room:** Wednesday 4:00-5:50 in TD-W 1507
- **Enroll Code:** 64840

Course Description: Shakespeare Basics provides the tools for analyzing and acting Shakespearean text. This is an actor's approach. Through the study of sense, scansion/rhythm, phrasing, speech units, word structure, figures of speech, key words, imagery, reception/impact, physical action, inner and outer focal points the student lays the groundwork for interpreting and embodying Shakespeare sonnets.

*You are required to bring a copy of the complete sonnets of Shakespeare to the class.

Bio: Michael Morgan is currently a teaching professor at UCSB where he teaches voice, speech, stage dialects, scansion and text. He has taught and coached productions at Penn State, Yale School of Drama, Yale Rep, Mark Taper Forum, Temple University, La Jolla Playhouse, Shakespeare and Company, Walnut Street Theater, Theatre Conservatorium in Brussels, Royal Conservatoire in Liege, Shakespeare Santa Cruz, Arena Stage, Neighborhood Playhouse, University of Hawaii, American Academy of Dramatic Art, UCSD, Pepperdine University, Shanghai Theatre Academy and Cal Arts. He is a Fitzmaurice Associate teacher, and a designated Linklater teacher. He has performed in over 75 theater productions at various venues including the Mark Taper Forum, Yale Rep, La Mama, California Shakespeare Festival, Ensemble Theatre New York, Independent Shakespeare Company, La Jolla Playhouse, Shakespeare and Company, Peoples Light and Theatre Company, The Red Pear Theatre in the South of France, City Street Theater, The Negro Ensemble Company, Shakespeare Santa Cruz, Lobero Theatre, Classical Theater Lab in Los Angeles, Sierra Repertory Theater, The Working Theater, Off- Broadway and in numerous film, TV soaps and voice-overs.

INT 84BH

- **Title:** Twin paradox in relativity theory
- **Instructor:** Denis Labutin
- **Instructor Email:** labutin@math.ucsb.edu
- **Department:** Mathematics
- **Day - Time - Room:** Wednesday 4:00-5:50 in HSSB 1237
- **Enroll Code:** 64857

Course Description: In relativity theory the twin paradox is a thought experiment involving identical twins, one of whom makes a journey into space in a high-speed rocket and returns home to find that the twin who remained on Earth has aged faster. This time slow-down and many other counter-intuitive phenomena (length shortening, Doppler effect, ...) must occur as a consequence of Einstein's special relativity theory. Mathematical formalization and geometrization of the relativity was developed by Minkowski (Minkowski space-time). In the seminar we shall discuss these aspects of the special relativity theory since they require only the basic mathematical machinery. The plan is to see how physical intuition helps to understand mathematics behind it, and conversely how the mathematical formalism eliminates physical "paradoxes".

Bio: PhD 2000, Australian National University. Research interests include nonlinear partial differential equations and their applications.

INT 84ZB

- **Title:** Causes and Consequences of Sea-Level Rise: A Geologic Perspective
- **Instructor:** Alexander Simms
- **Instructor Email:** asimms@geol.ucsb.edu
- **Department:** Department of Earth Science
- **Day - Time - Room:** Tuesday & Thursday 4:00-4:50 in HSSB 2201 *Seminar will meet the first 5 weeks of the quarter ONLY
- **Enroll Code:** 61499

Course Description: During this course we will discuss the causes of sea-level rise at several different time scales and its influence on the natural and geologic system. It will include an overnight fieldtrip where we will be camping in the desert of eastern California.

Bio: Dr. Simms grew up in Oklahoma but became interested in the sea during Graduate School at Rice University. After a short stint at Oklahoma State University, Dr. Simms came to UCSB in 2010. His research interests are on coastlines and how they responded to past disturbances including sea-level changes. He has studying the coastlines of Texas, California, Scotland, and Antarctica during his career.

INT 84ZT

- **Title:** Mathematics of Origami
- **Instructor:** Jeff Stopple
- **Department:** Mathematics
- **Instructor Email:** stopple@ucsb.edu
- **Day - Time - Room:** Monday & Wednesday 8:00-8:50 in SH 1607
- **Enroll Code:** 64287

Course Description: Course Description: Origami is the ancient Japanese art of paper folding. One uncut square of paper can, in the hands of an origami artist, be folded into extraordinarily complicated and intricate shapes. The art of origami has been going through a renaissance over the past 30 years, with new designs being created at ever-increasing levels of complexity. It's no coincidence that this rise in origami complexity has emerged at the same time scientists, mathematicians and origami artists have been discovering more and more of the mathematical rules that govern how paper folding works.

This course requires Linear Algebra Math 4A (or equivalent) as either prerequisite or concurrently enrolled.

Students in previous versions have said "Super fun and interesting!!" "The topic is very interesting, the discussion between students allowed for a lot of fun conversations, and the December 4, 2018 hands on activities were great." "The class was hands-on and engaging. The format facilitated discussion on the topic and activity with other students and with the professor. It was satisfying to be able to finally successfully put together whatever we were working on. It was fun to team up with someone and use each other's strengths to accomplish the task.

INT 84ZW

- **Title:** Past, Present, and Future Climate Changes: a Geological Perspective
- **Instructor:** Syee Weldeab
- **Instructor Email:** sweldeab@ucsb.edu
- **Department:** Department of Earth Science
- **Day - Time - Room:** Friday 2:00-3:50 in GIRV 1108
- **Enroll Code:** 27862

Course Description: The goal of the seminar is to develop a better understanding of climate changes over the last 800,000 years. We will examine the magnitude, timing and pace of changes in atmospheric greenhouse gasses, temperature, and sea level. The seminar will highlight that understanding past climate changes is critical to assess future climate changes

Bio: Professor Weldeab's research focuses on understanding the mechanisms of past climate changes and the lesson we can learn from past climate changes. Using marine and terrestrial climate archives, Dr. Weldeab reconstructs changes in past climate and examine their relationship to changes in atmospheric greenhouse gasses and Sun-Earth constellation

INT 184PD

- **Title:** Introduction to Clinical Medicine
- **Instructor:** Dr. Stephen Blain
- **Day & Time:** TBD
- **Location:** TBD
- **Enroll Code:** 28290

Course Description: This course is designed to provide students interested in a medically related career an introduction to clinical medicine. Open to 3rd and 4th year students and consent of instructor required. The selection process is competitive. Honors students interested in INT 184PD should review the course requirements (see link below) and if eligible, email prehealthinfo@ltsc.ucsb.edu

<https://healthsciences.duels.ucsb.edu/student/honors>

INT 184DH

Title: Introduction to Clinical Medicine

(This course is for those who have already taken INT 184PD)

- **Instructor:** Dr. Stephen Blain
- **Day - Time - Room:** TBD
- **Enroll Code:** 28282

Course Description: This course is designed to provide students interested in a medically related career an introduction to clinical medicine. Open to 3rd and 4th year and consent of instructor required. The selection process is competitive. Honors students interested in INT184DH should review the course requirements (see link below) and if eligible, email prehealthinfo@ltsc.ucsb.edu

<https://healthsciences.duels.ucsb.edu/student/honors>

Students: Please remember to read through the course requirements for INT 184PD and INT 184DH prior to contacting our office about enrollment.