



List updated 2/15/2022

PLEASE READ THE FOLLOWING INFO ABOUT HONOR 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.

Honor Seminars (INT 84's) are **two-unit** courses that provide an opportunity for research exploration in various disciplines and consider advanced studies beyond college. Honor seminars are for **First and Second-year students**. 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.**

- **NO ADD CODES** will be given out for Honors Seminars. Please **DO NOT** email the instructor asking for one.
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- **INT 84 Honors Seminars are lower-division and designed with First and Second-year students in mind. If you are a First or Second-year students in the Letters & Science Honors Program but have "Senior" standing due to units, you may request an exception to bypass this "Senior" unit restriction by emailing me at kvonderlieth@ucsb.edu *If you email me for a bypass - Please include your PERM & which "3" INT 84's you would like to bypass the unit restriction. Once a student receives the bypass, you must still enroll through GOLD during your active pass time, space remaining. A bypass does not override the unit cap in a given pass time of 10 units during Pass1.**
- **If you are in your Third or Fourth-year, you are NOT eligible to bypass the Senior unit standing restriction. No exceptions. Please read our website about the other opportunities to gain honor experiences. Like honor contracts, auto courses, etc.**

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

SPRING 2022 Honors Seminars

INT 84AH - "INT 84AH: Special Relativity for Pedestrians "

- **Seminar Type:** Honors
- **Department:** Physics
- **Instructor:** Tengiz Bibilashvili
- **Instructor Email:** tbib@physics.ucsb.edu

- **Day - Time - Room:** Wednesday 5:00-6:50 in PHELP 1445 *This seminar has Prerequisite - Physics 8, or Physics 21, or at least concurrent enrollment in Physics 21
- **Enroll Code:** 27797

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 Ph. D. 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 based on physics problem solving.

INT 84AR - "Manifolds in Mathematics and Sciences"

- **Seminar Type:** Honors
- **Department:** Mathematics
- **Instructor:** Denis Labutin
- **Instructor Email:** labutin@math.ucsb.edu
- **Day - Time - Room:** Tuesday 5:00-6:50 in GIRV 1108
- **Enroll Code:** 63818

Course Description: The vector space is introduced early in calculus and is fundamental for applications in sciences. At the same time in modern mathematics and its applications to physics and other sciences the action happens in "curled", "twisted" spaces. Those are manifolds. The simplest manifolds are curves and surfaces such as a sphere, Moebius band, Klein's bottle, projective space, The study of manifolds is an advanced subject somewhat unusual if compared to more traditional areas of mathematics studied in college. However, the main concepts and the technique can be well understood intuitively just with the calculus-4 background. We shall study gluing, surgery, homotopy, and other operations without complicated formulas but with clear geometric meaning. We shall also see how manifolds appear in mechanics and even advanced areas of theoretical physics such as liquid crystals.

Bio: Dr Denis Labutin, area of research interests is partial differential equations and applications to geometry

INT 84BC - "Yoga: Theory, Culture & Practice"

- **Seminar Type:** Honors
- **Department:** Black Studies
- **Instructor:** Roberto Strongman
- **Instructor Email:** rstrongman@ucsb.edu
- **Day - Time - Room:** Monday 2:00-3:50 in PHELP 2524 might move to ONLINE please check back.
- **Enroll Code:** 27821

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, presentation, discussion and journal writing 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: Ph.D. Literature (UCSD 2003). I am a scholar of embodiment, specializing in trance states. My latest book "Queering Black Atlantic Religions" (Duke UP, 2019) speaks to my interest in fomenting an awareness of the unity within the body-mind construct, the goal of "yoga." In addition to my academic credentials, I am also certified as a massage therapist by the state of California and as a yoga instructor at the 500-hour level (the highest recognizable credential in the field).

INT 84BJ - "How Muslims, Jews, and Christians lived together (Intellectual and Social History of the Iberian Peninsula)"

- **Seminar Type:** Honors
- **Department:** Spanish and Portuguese
- **Instructor:** Antonio Cortijo
- **Instructor Email:** cortijo@ucsb.edu
- **Day - Time - Room:** Tuesday 8:00-9:50 in HSSB 1227
- **Enroll Code:** 56788

Course Description:

This seminar explores the intellectual and social history of the Iberian Peninsula through the ages. Particular attention will be paid to the fact the the Iberian Peninsula was unique in that it allowed different religions (Islam, Judaism, Christianity) to live together for over 800 hundred years and this has shaped the development of Spain as a modern European nation. In addition, attention will be paid to the Spanish creation of a the first modern globalized economy in the 16th-17th centuries by incorporating the American, East-Asian and European markets. From the Middle Ages to the contemporary European Union, issues of religion, "convivencia" (co-existence), nationalism, and economy will be explored.

Bio: Antonio Cortijo Ocaña analyzes in his research the ideological structures and tensions that have forged the Modern Period across the Atlantic and across the languages and cultures of the Iberian Peninsula. He deals with issues such as nation building, power and ideology, religion and economy in the late medieval through 18th centuries, as well as with the larger topic of the relevance of Humanism in the creation of the modern nations. He is the author of over 50 books.

INT 84BO - "Literature and Politics" "

- **Seminar Type:** Honors
- **Department:** Spanish and Portuguese
- **Instructor:** Silvia Bermúdez

- **Instructor Email:** bermudez@spanport.ucsb.edu
- **Day - Time - Room:** Tuesdays 5:00-6:50pm in GIRV 2135
- **Enroll Code:** 63107

Course Description: This seminar examines political figures/ authors, major literary and musical texts from Latin America, the Iberian Peninsula (particularly those in Spanish and Galician), from the 19th Century to the present by considering them in their historical and political contexts and within four modules that invite students to explore diverse and enduring social issues and political concerns such as poverty, immigration, racism, Afro Latin American identities, and equal rights, among others.

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. Her recent publications are the book *Rocking the Boat: Migration and Race in Contemporary Spanish Music* (2018) and the co-edited volumes *A New History of Iberian Feminisms* (2018), and *Cartographies of Madrid: Contesting Urban Space at the Crossroads of the Global South and Global North* (2019). And in 2021, the Spanish updated version *Una nueva historia de los feminismos ibéricos*

INT 84BS - “Deconstructing Research in Experimental Physics”

- **Seminar Type:** Honors
- **Department:** Physics
- **Instructor:** Georgios Koutroulakis
- **Instructor Email:** gkoutrou@ucsb.edu
- **Day - Time - Room:** Monday 2:00-3:50 in HSSB 3201 **This seminar is for Physic Majors ONLY*
- **Enroll Code:** 63800

Course Description: This course is geared towards sophomores and motivated freshmen who want to acquire some first-hand knowledge about contemporary research in experimental physics without spending time in the lab. The ultimate goal of the course is dual: to educate students on topics directly researched in the Physics department and teach them about common experimental methods, while promoting collaborative work and self-learning.

Bio: Dr. Koutroulakis, a native of Greece, completed his Ph.D. at Brown University in the field of experimental condensed matter Physics. He then performed postdoctoral research at the Los Alamos National Lab and UCLA, before starting teaching full-time initially at UCLA and now at UCSB.

INT 84CC - “Art From Machines: Computer Numerical Control in the Hands of Creators”

- **Seminar Type:** Honors
- **Department:** Theater and Dance
- **Instructor:** Greg Mitchell
- **Instructor Email:** gmitchell@ucsb.edu
- **Day - Time - Room:** Wednesday 3:00-4:50 in TD-West 1530
- **Enroll Code:** 68098

Course Description: Contemporary design and art such as sculpture and installation often integrate diverse kinds of 21st century technologies into their creation and execution. Some of those technologies that were once out of the reach of individual or unfunded artists are now becoming ubiquitous. We'll introduce the class to technological processes, machines, and applications that integrate computer control with creative work by using them to iterate real world objects. We'll extrapolate how these processes can be used to design studio sized fabrications and structures that are scale-able to impressive physical creations.

Bio: Greg Mitchell is an Associate Professor of Theatre Design. His work in Scenic Design, Lighting Design, Art Direction for Television, Projection, and Video Design has been seen around the world. Professor Mitchell's recent projects have included Scenic, Lighting, and Costume designs for Arjuna's Dilemma, the first western style opera in Nepal. The Jazz-fusion cross cultural work was created as site specific production in one of the world's oldest Hindu temples, a UNESCO site at Patan Durbar Square in Kathmandu.

He collaborated with Opera Panama and the Panama Symphony Orchestra to design a site specific production of Macbeth in Panama City in the 400 year old ruin of the Convento de las Monjas Concepciones. In addition to scenery designed to accommodate the fragile archaeological site, he projection mapped the interior of the structure to create a media design that aligned with the architecture.

In Dublin, Ireland Professor Mitchell created an installation performing space in the Boys School at Smock Alley, the oldest extant theatre in Ireland, for the Creative Artists Collaborative involving a three story tall sculptural work and a projection mapping of the medieval architecture.

Recently he worked with Ping Chong and Company as a lighting and video projection designer on the new documentary-theatre production of Aan Yát'x'u Sáani: Noble People of the Land.

Theatre work includes Off-Broadway productions in New York City including Classical Theatre of Harlem's Tartuffe Supreme, Classic Stage Company's Tempest Tossed, Baruch Performing Arts The Actors Rap, 321 Arts A Night in the Mind of Jim Jones. Other notable New York productions encompass years of collaboration with the site specific Brave New World Rep which yielded a large scale immersive production of Shakespeare's The Tempest on the Coney Island Boardwalk, The Merry Wives of Windsor (Terrace), Lynn Nottage's Fabulation, and Fahrenheit 451 presented at the Prospect Park Amphitheatre as part of Celebrate Brooklyn's 2010 Season. He has designed numerous other productions in the city for organizations including Three Graces Theatre, New York Theatre Experiment, The New York International Fringe Festival, and the New York Musical Festival.

Professor Mitchell's regional theatre work spans hundreds of productions around the country including a multiple productions in Anchorage and Juneau Alaska for Perseverance Theatre Company, in Maine at the Pensobscot Theatre Company, and Theatre at Monmouth, and seasons as the resident designer at Washington DC's Source Theatre Company and Washington Stage Guild. Elsewhere his theatre designs have been seen at Mac-Haydn (NY), Curtain Call (NY), Alpine Theatre Project (MT), The Kennedy Center (DC), The Studio Theatre, (DC), African Continuum Theatre Company (DC), Tsunami Theatre (DC), Washington Shakespeare Company (DC), Imagination Stage (MD), Rep Stage (MD), Sierra Rep (CA), Summer Rep (CA), Hackmatack Playhouse (ME), American Stage Festival (NH), Playhouse on the Square (TN), Texas Shakespeare Festival (TX), Bristol Riverside Theatre (PA), Capital Playhouse (WA), and The Historic Iao Theatre (HI).

Design for opera includes international productions in Nepal, Panama, and the costumes for Tannhauser in Tirana Albania for their national theatre Teatri Kombetar i Operas dhe i Baletit. He has worked on the development of new operas including a commission for the Princess Sophia about the sinking of a passenger ship off the Alaskan coast in 1918, and Llantos about the intersection of Gypsies and Jews during the inquisition. He has designed multiple productions for the Capital City Opera (DC), Juilliard Opera (NY), New Opera NYC (NY), and Opera Modesto (CA), and Chicago Opera Theatre (upcoming).

As an art director and assistant art director, Professor Mitchell has worked on projects for ESPN, CNBC, MTV, and VH1.

In educational theatre, Professor Mitchell has served as guest artist, lecturer, or faculty member at the University of Maine at Orono, Whitman College, Fort Lewis College, Catholic University, CUNY Laguardia, and Kathmandu University School of the Arts.

His work outside of the theatre includes planning and designing events, architectural spaces, and interactive installations for clients such as Heineken, Pink, The Food Network, Vornado Realty NYC, among many others. The range of this work spans turning a half acre of New York's meat packing district into a Pumpkin Patch for Old Navy to multi-story interactive incendiary art for Nevada's Burning Man.

Professor Mitchell is a proud member of USA Local 829, the union of stage designers. His work has been nominated for several awards including the Helen Hayes Award, Broadwayworld Awards, and Indy Awards.

INT 84CH - "Understanding Men's Support for Gender Equality"

- **Seminar Type:** Honors
- **Department:** Anthropology
- **Instructor:** David Lawson
- **Instructor Email:** dlawson@anth.ucsb.edu
- **Day - Time - Room:** Monday 10:00-11:50 in HSSB 2001A
- **Enroll Code:** 27888

Course Description: Achieving gender equality fundamentally requires a transfer of power from men to women. Yet despite a number of global health campaigns encouraging male support of women's empowerment, such as the United Nations' 'HeForShe' global solidarity movement, we still know surprisingly little about which men are most likely to support gender equality and what interventions might be most effective at shifting men's

attitudes and behaviors. In this course, we will explore these issues by (a) reviewing relevant literature in anthropology, psychology, economics and global health; (b) collecting and analyzing our own data on male support for gender equality here at UCSB; and (c) proposing our own policy solutions to engage men.

Bio: David Lawson is Associate Professor of Anthropology at the University of California, Santa Barbara. Prof Lawson works at the intersection of anthropology and global health. His research concerns the evolution of the human family and variation in gender norms across time and space. He conducts field research in northern Tanzania on these topics, in collaboration with the Tanzanian National Institute for Medical Research.

INT 84CM - "Making Radio" – CANCELLED 2/14/2022

- **Seminar Type:** *Honors*
- **Department:** Music
- **Instructor:** David Novak
- **Instructor Email:** dnovak09@ucsb.edu
- **Day - Time - Room:** Monday 10:00-12:50 in Music Library 2406
- **Enroll Code:** 56796

Course Description: This course focuses on the history and practice of radio production. Students will read about the history of radio, learn basic audio production, and work toward their own radio and podcast projects.

Bio: I am a professor in the Music Department, who teaches ethnomusicology and courses on film, media, globalization, and other topics. I research music's global circulation in contemporary Asia, and write about experimental music and sound art, as well as social and political contexts of music. Most importantly for this course, I am professionally and personally obsessed with popular music, as a listener, scholar, writer, musician, engineer, and radio host.

INT 84CN - "Afrofuturism"

- **Seminar Type:** *Honors*
- **Department:** CCS Writing and Literature
- **Instructor:** Michelle Grue
- **Instructor Email:** mgrue@ucsb.edu
- **Day - Time - Room:** Tuesdays 10:00-11:50 in GIRV 2124
- **Enroll Code:** 56804

Course Description: Afrofuturism re-envision the past, present, and future in order to show what the Black community does and can look like in imaginative and yet intensely real ways. In a time when people question how the past should be represented and a time when creative, diverse imaginings of the future are desperately needed, we will use Afrofuturism to speculate new possibilities in different areas: STEM, climate change, and land stewardship; representations of the past; and the ways music, the arts, and humanities are invigorated by Afrofuturist works. Come ready to discuss, come ready to listen, come ready to learn, come ready to imagine inclusive futures.

Bio: Michelle Grue's interdisciplinary research in Education and Writing draws on Black feminism to investigate diversity issues in academia, creative writing, and in digital writing. She is currently joining a CCCC grant on race and writing classroom feedback. Her dissertation project focused on the official and unofficial ways graduate students learn how to research race and gender in Writing and Rhetoric doctoral programs. Michelle has been teaching for the UCSB Writing Program since 2016 and for CCS since 2019. She is pleased to have spent the last year as an Assistant Teaching Professor for CCS and the Writing Program.

Her recent academic publications include an article in the Journal of Multimodal Rhetoric that explores the rhetorical performances in the dress practices of Black women professors and an essay about Afrofuturism as a frame and resource for literacy instruction. Two of her recent creative publications include "Cotton and Coconut," a poem about race and motherhood in the US and "Mercy" , a short story about Black mermaids and the TransAtlantic Slave Trade she is developing into a novel.

INT 84CP - "Modern Professional Sport Venues: Experiences & Dimensions"

- **Seminar Type:** Honors
- **Department:** Exercise & Sport Studies
- **Instructor:** Mark Orlando
- **Instructor Email:** mdorlando@ucsb.edu
- **Day - Time - Room:** Monday & Wednesday 5:00-5:50 in HSSB 1211
- **Enroll Code:** 56812

Course Description: Modern sport properties are constructing multi-billion dollar stadiums/arenas that are changing the way we watch and experience sport. This seminar investigates the design and planning processes inherent in developing sustainable supporting facilities for professional sport franchises. This includes topics of site selection and development phases, facility experiences, technological integrations and market segmentation. In addition, students demonstrate an understanding of the principles, concepts, frameworks, research, and theories that correspond with sports facility design and operations.

Bio: Mark D. Orlando, Ed.D., is a professor, consultant, and coach of sport business and professional development with several years of progressive experience in both academic and professional working environments. Beyond his work with UCSB, Mark teaches seminars, courses, and university workshops at California Lutheran University, Pepperdine University's Graziadio School of Business and Management, UCLA's Summer Discovery program, Westcoast Connection, MiraCosta College's Emerging Leaders Institute, and UCSB's Professional and Continuing Education department. His approach to the classroom setting has been recognized through multiple awards, honors, and nominations on behalf of various departments and student organizations at UCSB.

Over the last six years, Mark has furthered his research inquires by highlighting hiring criteria in big market sport professions based on geographical territories. This has inspired Mark to create his own company that educates aspiring and progressive sport professionals with the foundation for building necessary skills for career success (e.g., career analytics, branding an image and putting the work into network). As such, Mark has dedicated himself to creating career clubs across several campuses, which partner with surrounding sport organizations (e.g., Bleacher Report, ESPN Big West Promotions, Los Angeles Sports and Entertainment Commission, NASCAR, Oakland Athletics, Sacramento Republic FC, and San Diego Padres) to provide unique opportunities in mentoring, networking, internships, and job placement. As an educator and mentor, his vision and personal goal is to provide students of all levels, backgrounds, and personal objectives resources and knowledge that could assist them with their prospective careers and professional development.

INT 84ZA - "Owens Valley, Mono Lake, and the LA Aqueduct"

- **Seminar Type:** *Honors*
- **Department:** Earth Science
- **Instructor:** Jordan F Clark
- **Instructor Email:** jfclark@geol.ucsb.edu
- **Day - Time - Room:** Friday 1:00-1:50 in Webb 1025 *Field Trip May 6th to 8th
- **Enroll Code:** 56820

Course Description: This class focuses on a three-day field trip (May 6th-8th) that will leave Friday morning and return Sunday. During the trip we will stop at important sites related to the LA Aqueduct, Mono Lake, and watch a PBS documentary. Finally, the class will meet twice prior and once after the field trip.

Bio: Dr. Clark is an environmental scientist who works in geochemistry and hydrology. Much of his current research relates to water supply problems in California. In particular, he investigates groundwater flow near Managed Aquifer Recharge sites. He has taught a version of this class numerous times.

INT 84ZB - "Causes and Consequences of Sea-Level Rise: A Geologic Perspective"

- **Seminar Type:** *Honors*
- **Department:** Department of Earth Science
- **Instructor:** Alex Simms
- **Instructor Email:** asimms@geol.ucsb.edu
- **Day - Time - Room:** Thursday 4:00-4:50 in HSSB 2201 *Overnight fieldtrip, check back for dates
- **Enroll Code:** 27912

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. The course will include an overnight camping fieldtrip.

Bio: Alex Simms has over 20 years experience studying sea-level changes and coastal evolution. He has worked on coastlines across the world including California, the Gulf of Mexico, Scotland, and Antarctica.