

FALL 2024

First Year Discovery & Discovery+ Seminars

Updated 5/1/2024

INT 86GG – “The Exploration of Identity & Art: Personal, Cultural, Familial, & Sexual”

- **Seminar Type:** *First Year Discovery*
- **Department:** Art
- **Instructor:** Kip Fulbeck
- **Instructor Email:** seaweed@arts.ucsb.edu
- **Day - Time - Room:** Tuesdays 10:00-11:50 in ARTS 1237 **this seminar will meet the first 5 weeks of the quarter*
- **Enroll Code:** 27623

Course Description: The exploration of identity continues to be a focus of contemporary artists. Examining how we create and recreate our internal and external selves allows us to better understand our interactions in personal, social and political arenas. In this interactive workshop, students will view work by various filmmakers, artists, and performers, and engage in lively discussions pertinent to their phase in life.

Bio: Kip Fulbeck is a Distinguished Professor of Art, with affiliate appointments in Asian American Studies and Film & Media Studies. He has exhibited worldwide and has been featured on CNN, MTV, The New York Times, The TODAY Show, Voice of America, and various NPR programs. He is the author of numerous books and the recipient of UCSB's Faculty Diversity Award and Distinguished Teaching Award.

INT 86EI – “SciTrek: How science works”

- **Seminar Type:** *First Year Discovery*
- **Department:** Psychological & Brain Sciences
- **Instructor:** Vanessa Woods
- **Instructor Email:** vewoods@ucsb.edu
- **Day - Time - Room:** Monday 12:00-12:50 in ILP 4205 **This seminar will meet the first two Monday's of the quarter in ILP 3310 at UCSB, and the last two weeks of the quarter. Please note that 6 hours of this seminar will be off campus at the K-12 schools and at various times*
- **Enroll Code:** 27607

Course Description: Improve your ability to think critically, probably the most important skill you will be hired for in the future, whatever your degree is in. This course is a blend of instruction from Biochemistry Professor Norbert Reich, who works on drug development for cancer and antibiotics, through reading and discussing papers on critical thinking, and your involvement in UCSB's largest outreach, “SciTrek”. The outreach brings university students into local classrooms (this class will focus largely on Junior High and High School classes) to

help run inquiry into diverse topics such as math, biology, chemistry, and physics. The outreach does not require that you be a STEM major. Prior university students have improved in their critical thinking even in this one quarter of in class and outreach engagement.

Bio:

INT 86UL – “The American Research University”

- **Seminar Type:** *First Year Discovery*
- **Department:** Asian American Studies
- **Instructor:** John Park
- **Instructor Email:** jswpark@ucsb.edu
- **Day - Time - Room:** Monday 4:00-4:50 in GIRV 1108
- **Enroll Code:** 61432

Course Description: This seminar is designed specifically for incoming freshmen to UC Santa Barbara in the College of Letters and Science. The purpose of this class is to provide new students with an overview of academic life in general, as well as an introduction to this University in particular. We begin with a brief overview of academic institutions and academic life, and then we explore how professors at UCSB conduct their work, paying special attention to the research of leading professors in the social sciences. Finally, we conclude with detailed strategies for how students can take full advantage of the many opportunities available here in the College.

Bio: I've been a professor of Asian American Studies at UCSB since 2002. I did my graduate work in law, public policy, comparative ethnic studies, legal theory, and legal and political philosophy, and I've published in all of these fields.

INT 86VW – “Exploration of the Physics major: from curious freshmen to young professionals”

- **Seminar Type:** *First Year Discovery*
- **Department:** Physics
- **Instructor:** Tengiz Bibilashvili
- **Instructor Email:** tbib@physics.ucsb.edu
- **Day - Time - Room:** Wednesday 4:00-4:50 in ILP 3103
- **Enroll Code:** 27672

Course Description: The class is designed for students who are majoring in physics. The goal of the seminar is to explain how physics majors get educated and who they become after receiving a BS in physics. Students in the class will build their virtual plan for classes from freshman fall to senior spring. They will also make a plan for doing research at UCSB and beyond. Moreover, students will explore post-BS options. The seminar is mostly discussion-based, but there will be some intro presentations by the instructor and invited guests (current students and faculty members).

Bio: Dr. B aka Tengiz Bibilashvili earned his Ph. D. at Tbilisi State University. His thesis was about Nonequilibrium 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 The US Physics Team Academic

Director and he teaches classes and provides academic advice. Most of his students continue their education in top universities or start their career right after graduation with a BA in physics.

INT 86WM – “Open Source: Software, Hardware, and Beyond”

- **Seminar Type:** *First Year Discovery*
- **Department:** Computer Science
- **Instructor:** Jonathan Balkind
- **Instructor Email:** jbalkind@ucsb.edu
- **Day - Time - Room:** Monday 3:00-3:50 in HSSB 1206
- **Enroll Code:** 27680

Course Description: We hear more and more today about open source. Much of the software we use is often open source, but what exactly does it mean? And how can it extend beyond software? The District of Columbia's law is now open and available for modification online. Entire open-source processors are being developed today, too. This seminar will dive into the use and implications of this new open paradigm, both in computer science and far beyond.

Bio: Jonathan Balkind is an Assistant Professor in the Department of Computer Science at the University of California, Santa Barbara. His research interests lie at the intersection of Computer Architecture, Programming Languages, and Operating Systems. Jonathan completed his PhD and MA degrees at Princeton University and his MSci degree at the University of Glasgow. He is the Lead Architect of OpenPiton and its heterogeneous-ISA descendent, BYOC, which are productive, open-source hardware research platforms with thousands of downloads from over 70 countries worldwide. Jonathan was an Open Hardware Trailblazer Fellow and recipient of the NSF CAREER Award. Since 2021, he has served as a Director of the FOSSi Foundation.

Discovery+ Seminars – 2 instructors

INT 87AC – “Love and Desire”

- **Seminar Type:** *First Year Discovery+*
- **Department:** Spanish and Portuguese
- **Instructor:** Antonio Cortijo & Silvia Bermúdez
- **Instructor Email:** cortijo@ucsb.edu, bermudez@spanport.ucsb.edu
- **Day - Time - Room:** Tuesday 2:00-3:50 in PHELP 1445
- **Enroll Code:** 56838

Course Description: This seminar offers an overview of the way our conceptualization of Love and Desire has shaped Western thought from its inception to the present. Love lies at the intersection of sexual passion, religious mysticism, and social utopia. Conceptualized as a human need for creating a relationship with the other we will begin by examining how the Greeks believed "love" encompassed the notions of eros, philia, agape and Charistia/Love/Charity. From the most natural and simple sexual desire (eros), love moved to embrace the need to establish a connection with others through friendship (philia) or with the societal group at large (agape). A human mystical longing to transcend the sphere of the merely human was also recognized through the concept

of Charistia/Love/Charity. To explore how Love and Desire have been conceptualized and explored throughout the centuries in the Iberian Peninsula and Latin America, we will pay attention to literature, painting, and music.

Bio: **Dr. Antonio Cortijo** 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.

Professor Bermúdez areas of research and teaching are the cultural productions (especially literature and music) of the Iberian Peninsula from the 19th century to the present. Her critical work focuses on women's studies, feminisms, poetic discourses, and art and politics.

INT 87AL – “Rock Around the Curriculum: An Interdisciplinary Approach to Popular Music”

- **Seminar Type:** *First Year Discovery+*
- **Department:** Writing Program & Writing Program
- **Instructor:** James Donelan and Christopher Dean
- **Instructor Email:** donelan@ucsb.edu, cdean@writing.ucsb.edu
- **Day - Time - Room:** Monday 1:00-2:50 in GIRV 1119
- **Enroll Code:** 57125

Course Description: An examination of the revolution of rock n’ roll and other popular musical idioms from an interdisciplinary perspective, with topics including the following:

- Today in Rock History: The Origins of Rock Music in the Multicultural American Folk and Blues Tradition
- Media Studies: Radio and Popular Music
- Gender and Rock n’ Roll
- The Science of Rock
- The Economic History of Rock
- The Sociology of Rock: Heavy Metal, Punk, and Alternative Music
- Hip Hop Culture and Rap Music
- The Philosophy of Rock: New Wave to DIY Music

Materials include videos, playlists, and live performances, along with readings.

Bio: **James H. Donelan** is a continuing lecturer in the UCSB Writing Program. He received his Ph.D. in Comparative Literature from Yale University and writes frequently about music. He plays both electric and string bass and likes to rock out.

Chris Dean is a continuing lecturer in the Writing Program. He plays guitar, sings, and generally rocks out. His research interests range from contingent faculty issues to how to help writing students engage in critical thinking through research into urban legends, conspiracy theories, hoaxes, and popular music.