NEW TOPIC TITLES

**ART 556**  Art and Social Function (3)
*Prerequisites: Restricted to Art majors and minors; a 300- or 400-level ART course.*
Interdisciplinary examination of the role of the artist as citizen through the production of artworks focusing on Social Justice. Research, production/preparation, and action exploring the broadening context in which to display, engage, and intervene in social spaces within the gallery walls and beyond. Topics to be specified in the Class Schedule. May be repeated when topics vary. Activity. [Formerly ART 441]
   1. Muralismo

**CMX 540**  Topics in Comics Studies (3)
*Prerequisite: HUM 325 or consent of the instructor.*
Deep examination of a particular genre, time period, region, or emphasis within the comics medium. Focus on primary, theoretical, and contextual readings, and will include opportunities to make as well as reflect on comics. Topics to be specified in the Class Schedule. May be repeated when topics vary. [Formerly HUM 540]
   1. Superheroes

**CW 882**  M.F.A. Craft and Process Tutorial in Playwriting (3)
*Prerequisite: Restricted to M.F.A. in Creative Writing students or consent of the instructor.*
Examination of creative process emphasizing techniques, style, and structure. Topics to be specified in Class Schedule. May be repeated for a total of 18 units when topics vary.
   1. Playwrights' Virtual Theater Workshop

**ENG 640**  Global Texts and Practices (3)
*Prerequisite: Upper-division standing.*
The global characteristics of language, writing, literature, and literacies across historical periods, genres, and Englishes. Topics to be specified in the Class Schedule. May be repeated when topics vary for a total of 12 units.
   1. Raciolinguistic Ideologies: Language, Race, and Colonization

**PHIL 772**  Seminar in a Classical School (3)
*Prerequisite: Graduate standing or consent of the instructor.*
Exploration and critique of one or more influential method(s) or school(s) of philosophical thought. Method(s) or school(s) to be specified in the class schedule. May be repeated when different methods or schools are studied.
   1. Desire, Pleasure, and Virtue in Greece and China
   2. Virtue and Law in Ancient China and Ancient Greece
**SPAN 595  Senior Survey in Spanish or Spanish American Literature (3)**  
*Prerequisite: SPAN 341 or equivalent.*
Advanced survey of Spanish or Latin American literature. Topics to be specified in the class schedule. May be repeated when topics vary.

1. Senior Survey in Spanish and Latin American Literature

**SPAN 851  Seminar in Medieval, Early Modern Peninsular, and Colonial Literature**  
*Prerequisite: Graduate Spanish MA students or consent of the instructor.*
Critical examination of literary texts and other cultural products from the Medieval and Early Modern periods of Spain and the Conquest/Colonial period of Latin America. Topics to be specified in the Class Schedule. May be repeated when topics vary.

1. Medieval and Early Modern Spanish Narrative

**NEW COURSES**

**AFRS 355  The Nation of Islam in America (3): Regular; CS-02; Fall 2021**  
*Prerequisite: Upper-division standing.*
Exploration of the various meanings attributed to the Nation of Islam (NOI) cultural and religious practices. Emphasis on the ways in which the NOI’s ideological structure has allowed it to function in the context of Black education. Examination of the lives of such figures as Wallace D. Fard, Elijah Muhammad, Malcolm X, and Louis Farrakhan. Other themes covered include: Five Percenters, Elijah Muhammad Studies, the NOI teachings in Popular Culture, the role of women the NOI, the NOI’s California connection, and the NOI and critical pedagogy.

**AFRS 500  The Life and Thought of Elijah Muhammad (3): Regular; CS-05; Fall 2021**  
*Prerequisite: Upper-division standing or consent of the instructor.*
An examination of the life and thought of Elijah Muhammad through use of life story narratives. Exploration of Elijah Muhammad’s teachings across disciplines and fields of study highlighting contributions to critical race theory, whiteness studies, education, hip hop, and Africana Studies.

**AIS 570  State Terrorism and Native Abolition (3): UD-D, AERM, SJ; CS-02; Fall 2021**  
*Prerequisite: Upper-division standing or consent of the instructor.*
Examine the intersection of race, gender, and class in the context of the history of anti-terrorism laws and policies both domestically and internationally. Explore how Native peoples have experienced and struggled against state regimes of national security and social stability. Highlighting how states use terrorism to control Native lands, resources, labor, and Native forms of opposition and the unique worldviews that inform that opposition.
ART 456  Studio X (3): Regular; CS-07; Fall 2021
Prerequisites: Restricted to upper-division Studio Art and Art: Concentration in Art History and Studio Art majors and Studio Art minors; one 300* or 400*-level art class; or consent of the instructor.
Expands on intellectual, academic, and career preparation in the School of Art. Provides an opportunity to experience and study with diverse art practitioners from the greater Bay Area region. Topics focus on issues such as social justice, equity, representation, opportunity, and decolonized creativity as they relate to a culturally shifting student body. Topics to be specified in the Class Schedule. May be repeated when topics vary for a total of 12 units.
1. Rooting Equity and Agency in Arts Practice
2. Good Trouble

ASTR 895  Culminating Project (3): Regular; CS-25; Fall 2021
Prerequisites: Advancement to Candidacy (ATC) and Proposal for Culminating Experience (PCE) forms must be approved by the Division of Graduate Studies before registration.
Independent and original culminating project in astronomy and astrophysics under faculty supervision leading to written project report and oral defense of the project. Culminating projects could include: development of new teaching/curricular modules, portfolios of science writing/journalism, internships in science museums/planetaria or industrial or national research labs, development of technical reports/manuals for new scientific instruments, etc. (CR/NC, RP)

ASTR 896  Directed Reading in Astronomy and Astrophysics (1-3): Variable Units; CS-25; Fall 2021
Prerequisite: Graduate standing.
Readings/tutorials to achieve better understanding of specific topics based on individual student need. Focus on review and integration of core concepts in preparation for the comprehensive oral examination. (Does not count toward MS degree requirements.) (CR/NC grading only)

ASTR 896EXM  Culminating Experience Examination (0): Regular; CS-78; Fall 2021
Prerequisites: Advancement to Candidacy (ATC) and Proposal for Culminating Experience (PCE) forms must be approved by the Division of Graduate Studies before registration.
Comprehensive oral examination on core topics in astronomy and astrophysics. (CR/NC, RP)

ASTR 897  Research (1-3): Variable Units; CS-25; Fall 2021
Prerequisite: Graduate standing.
Independent research under the supervision of faculty. May be repeated. (Plus-minus letter grade, CR/NC, RP)

ASTR 898  Master's Thesis (3): Regular; CS-25; Fall 2021
Prerequisites: Advancement to Candidacy (ATC) and Proposal for Culminating Experience (PCE) forms must be approved by the Division of Graduate Studies before registration.
Independent and original experimental, observational, theoretical, or computational research in astronomy and astrophysics under faculty supervision leading to written Master's Thesis and oral defense of thesis. (CR/NC, RP)
**ASTR 899** Independent Study (1-3): Variable Units; CS-25; Fall 2021
*Prerequisite: Graduate standing.*
Independent study under the supervision of faculty. May be repeated. (Plus-minus letter grade, CR/NC, RP)

**A U 250** Presidential Scholars Seminar (1): Regular; CS-78; Fall 2021
*Prerequisite: Restricted to Presidential Scholars.*
Development of an understanding of the diverse opportunities and challenges in leadership positions. Examination of fundamental leadership theories and development of the skills necessary to be engaged citizens. (CR/NC grading only)

**BUS 870** From Molecule to Market: Overview of the Life Sciences Industry (3): Regular; CS-05; Fall 2021
*Prerequisites: Restricted to graduate Business students; graduate students in other programs permitted with the consent of the Faculty Director of Graduate Business Programs.*
Survey of the major functions and business processes within the biotechnology, pharmaceuticals, and medical device sectors of the life sciences industry. Guest speakers from the industry will be invited for specific topics. (Plus-minus letter grade only)

**CINE 366** Visual Effects: From Méliès to Marvel (3): Regular; CS-05; Fall 2021
*Prerequisites: Restricted to upper-division Cinema majors and Animation minors; CINE 200*, CINE 202*, CINE 204*, CINE 211*, CINE 212* or equivalents with grades of C or better; or consent of the instructor.*
Overview of cinematic visual effects from 19th-century trick films to contemporary virtual productions. Examination of history, theory, and aesthetics of special effects and seminal VFX films and their technologies. Exploration of classic work of practical effects pioneers such as Georges Méliès and stop-motion animator Willis O’Brien, as well as the latest innovations by digital visual effects powerhouses such as ILM, Digital Domain, and Weta Digital. Discussions on contemporary trends and recent developments in the global VFX industry.

**CINE 560** Digital Domains: History and Aesthetics of Computer Animation (3): Regular; CS-05; Fall 2021
*Prerequisites: Restricted to upper-division Cinema majors and Animation minors; CINE 200*, CINE 202*, CINE 204*, CINE 211*, CINE 212* or equivalents with grades of C or better; or consent of the instructor.*
**COMM 401**  Workshop in Social Contexts & Interaction (1): Regular; CS-05; Fall 2021  
Prerequisites: Restricted to upper-division majors and minors; GE Area A1; COMM 150 or equivalent. May be taken concurrently with GWAR or equivalent, and Area E or equivalent.  
Workshops focus on applying ideas, methods, and perspectives from Social Contexts & Interaction, including interpersonal communication, gender & sexuality, family communication, organizational communication, health communication, aging, leadership, discourse & interaction, social semiotics, multimodal and visual communication, dialogue, and conflict resolution. The aims of the course will help students apply conceptual, procedural, and metacognitive knowledge of the topic. May be repeated up to 3 times.

**COMM 451**  Workshop in Rhetoric & Performance (1): Regular; CS-05; Fall 2021  
Prerequisites: Restricted to upper-division majors and minors; GE Area A1 or equivalent; may be taken concurrently with GWAR.  
Workshops focus on applying ideas, methods, and perspectives from Rhetoric & Performance, including classical and contemporary rhetorical theory and practice, argumentation, persuasion, public speaking, performance theory & practice, political communication, terrorism, criminality & punishment, mass incarceration, ecology & the environment, technology, new & social media, games & ludic studies, visual communication, and culture. The aims of the course will help students apply conceptual, procedural, and metacognitive knowledge of the topic. May be repeated up to 4 times.

**COMM 601**  Workshop in Communication Inquiry (1): Regular; CS-05; Fall 2021  
Prerequisites: Restricted to upper-division majors and minors; GE Area A1 or equivalent; may be taken concurrently with GWAR.  
Workshops focus on applying ideas, methods, and perspectives from Communication Inquiry, including quantitative, qualitative, rhetorical, performance, and mixed/multiple methods. The aims of the course will help students apply conceptual, procedural, and metacognitive knowledge of the topic. May be repeated up to 3 times.

**CSC 601**  Data Science and Machine Learning Seminar Series (1): Regular; CS-05; Fall 2021  
Prerequisite: CSC 508.  
The Data Science and Machine Learning for Biotechnology seminar series features scientists in related areas from Genentech or other biotechnology industry or academia. Covers broad view of the topics on Drug design, modeling to predict drug performance or a new drug approval processes. (Plus-minus letter grade only)

**CSC 602**  Problem-Solving for the CS and Data Science Technical Interviews (1): Regular; CS-15; Fall 2021  
Prerequisites: CSC 219 or CSC 220.  
Preparation for interviews for computer science or data science related internships and full-time positions in industry. Emphasis on oral and written communication common in coding interviews for problem-solving. Development of interview skills such as how to communicate about technical aspects, describe a problem, and articulate issues. Practice of key problem-solving strategies specific to technical/coding interviews. Laboratory.
**DES 685**  Projects in the Teaching of Design (1-4): Variable Units; CS-25; Fall 2021

Prerequisites: Consent of the instructor; completion of an equivalent course in the subject matter.

Teaching experiences in design practice, theory, and history through assigned instructional projects as classroom aides. Training in teaching principles including supervised classroom teaching activities. (Students may earn a maximum of 4 units toward the baccalaureate degree for any course(s) numbered 685 regardless of discipline.)

**ESM 102**  Steps to College Mathematics (1): Regular; CS-02; Summer 2021

Prerequisite: First-time freshman in Placement Category III or IV.

A week-long summer bridge course that prepares students for success in college-level mathematics/quantitative reasoning courses. Review and build math skills for statistics and college mathematics courses. Develop academic skills in quantitative reasoning and critical thinking for success in college and beyond. Build community as an SF State student. (CR/NC grading only)

**FR 469**  Doing and Undoing Gender in French Culture (3): Regular; CS-05; Fall 2021

Prerequisites: FR 216 or equivalent; FR 305, FR 304, or FR 310 recommended.

Analyze the construction of gender identity in French culture and society from the early modern period to present times. Analyze the theoretical and cultural attempts to question, subvert, and redefine gender norms, identities, and sexuality. Explore a variety of cultural and artistic productions, including literature, music, cinema, and visual art, that feature the doing and undoing of gender. Introduction to key feminist writings and figures of the French Feminist movement and LGBTQI counter-cultures and communities such as De Gouges, Beauvoir, Fraisse, Cixous, Wittig, Delphy, Bourcier, and Preciado. [Taught in French]

**GER 513**  The Shifting Contours of Blackness in German Literature, Philosophy, and Film (3): UD-C, AERM, GP, SJ; CS-05; Fall 2021

Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.

Exploration of the shifting contours of blackness in Germany from the 18th century to the present. Exploration of the various conceptions of “race” in a variety of fields such as German history, literature, biology, medicine, and popular culture. Emphasis on some of the crucial paradigms in the shifting concepts of race regarding culture, identity, and biology as seen in the context of the German Enlightenment, European and American colonialism, the Holocaust, and the literary and filmic representation in postwar Germany.

**HIST 340**  Saints, Demons, and Popular Beliefs in Medieval Europe (3): Regular; CS-02; Fall 2021

Prerequisite: HIST 300.

Introduction to Medieval and Renaissance popular beliefs. Using saints, demons, relics, miracles, magic, charms, folk traditions, fantastic creatures, and places as points of entry, examine what role popular beliefs played in medieval society and, more importantly, what these beliefs reveal about the medieval world.
**HUM 541/CMX 541** Manga (3): Cross-list; CS-02; Fall 2021
*Prerequisite: Upper-division standing or consent of the instructor.*
A deep look at the history of manga, its different genres and their audiences, prominent titles and authors of Japanese comics, and readership. Close analysis of a wide range of manga texts to encourage a well-rounded understanding of the field.
(This course is offered as HUM 541 and CMX 541. Students may not repeat the course under an alternate prefix.)

**JOUR 224** Newswriting Lab in Spanish (1): Regular; CS-03; Fall 2021
*Prerequisites: GE Areas A2 and A3.*
Basic grammar, spelling and punctuation in Spanish applied to news writing. A grade of C or better required for Journalism majors and minors. (ABC/NC grading only)

**LTNS 340** Latinx Youth Subcultures (3): Regular; CS-02; Fall 2021
*Prerequisite: Upper-division standing.*
Interdisciplinary analysis of Latinx Youth Cultures in the United States. Discussion of how subcultures provide working-class youth one kind of strategy for negotiating their concrete collective existence.

**LTNS 385** Afro-Latina Experiences (3): AERM, GP, SJ; CS-02; Fall 2021
*Prerequisite: Upper-division standing or consent of the instructor.*
Examination of Afro-Latina scholarship, experiences, knowledge, and narratives within the always-evolving racial discourse in the U.S. Through the exploration of scholarship, literary texts, and cultural productions of these women, concepts such as blackness and Latinidad, mestizaje, ethnicity, culture, and nationality will be discussed. Focus on Afro-Latinas’ involvement in U.S. academia, identity formation processes, Afro-feminist movements, and artistic and cultural expressions as a means of resistance and survival.

**MUS 457** Scoring for Film II (2): Regular; CS-10; Fall 2021
*Prerequisite: MUS 455 or consent of the instructor.*
Training in scoring for film through collaboration and scoring for live ensembles. Preparation in self-promotion and the business of film scoring. Activity. May be repeated for a total of 8 units.

**PH 600** Public Health Media, Technology, and Communications (3): Regular; CS-02; Fall 2021
*Prerequisites: Restricted to upper-division Public Health and Masters of Public Health majors; or consent of the instructor.*
Examination of how technology and media are used for public health messaging, for communication of information and misinformation, and for influencing changes in conditions and behaviors that affect public health outcomes. Critical review of potential harms and stigmatizing frames in public health messaging. Identification of theoretical frameworks and models helpful in building public health communications strategies focused on particular public health issues and intended audiences to improve public health. (Plus-minus letter grade only)
**PHIL 300** Academic and Professional Pathways in Philosophy (3): Regular; CS-02; Fall 2021  
*Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.*  
Determine the best pathway through the Philosophy major. Introduction to available academic and professional resources and extracurricular opportunities. Emphasis on how to conduct undergraduate research and find support for original research projects in preparation for a future career. (CR/NC grading only)

**PHIL 304** Ethics Bowl (3): UD-C, SJ; CS-02; Fall 2021  
*Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.*  
The Intercollegiate Ethics Bowl (IEB) combines a competitive tournament with a valuable educational experience. The competition provides practice in applying moral theories and principles of argument in an interactive format. Case studies in the competition involve ethical issues in practical contexts, including engineering, law, medicine, personal relationships, education, and both domestic and international politics. Specific questions may concern a wide range of topics, including but not limited to plagiarism, dating and friendship, gun control, and environmental policy. May be repeated for a total of 12 units.

**PHYS 895** Culminating Project (3): Regular; CS-25; Fall 2021  
*Prerequisites: Advancement to Candidacy (ATC) and Proposal for Culminating Experience (PCE) forms must be approved by the Division of Graduate Studies before registration.*  
Independent and original culminating project in physics under faculty supervision leading to written project report and oral defense of the project. Culminating projects could include: development of new teaching/curricular modules, portfolios of science writing/journalism, internships in science museums/planetaria or industrial or national research labs, development of technical reports/manuals for new scientific instruments, etc. (CR/NC, RP)

**PLSI 701** Graduate Writing in Political Science  
*Prerequisite: Graduate standing or consent of the instructor.*  
Hands-on study of the practice of writing for graduate-level political science. Foundations of good political science writing, the revision process, writing for scholarly publications. Topics to be specified in the Class Schedule. May be repeated when topics vary.  
1. Graduate Writing in Political Science: Foundations  
2. Graduate Writing in Political Science: Workshop

**RRS 275** Introduction to Pacific Islander Literatures (3): C2, AERM, ES, SJ; CS-02; Fall 2021  
Examination of Pacific Islander writers and their histories of shaping terms and definitions of literature within Oceania as a region and beyond. Exploration of Pacific Islander narratives about the intersections of gender, sexuality, race, colonialism, resistance, sovereignty, climate change, and understandings of connection to the environment through a wide range of reading materials, including novels, short stories, poetry, creative non-fiction, and academic essays. Emphasis on the ways in which Pacific Islander literatures shape complex and interconnected reflections of Oceania, ultimately speaking to the power of storytelling.
**RRS 415**  Reclaiming the Bay: Grassroots Struggle against Racial Capitalism (3): UD-D, AERM, ES, SJ; CS-02; Fall 2021

*Prerequisites: GE Areas A1*, A2*, A3*, and B4* all with grades of C- or better or consent of the instructor.*

Examination of critical issues in the San Francisco Bay Area including housing, immigration, criminal injustice and labor through the lens of racial capitalism. Explores the historical context of present struggles and analyzes how communities of color resist injustice by way of direct services, policy and community organizing.

**TH A 302**  Foundational Skills in Theatre and Dance Production (3): Regular; CS-02 & CS-12; Fall 2021

*Prerequisite: Upper-division standing or consent of the instructor.*

Foundational experiences in all areas of technical production associated with university productions. Introductions to the shop environments and design and technical processes of each area of production. (Plus-minus letter grades only)

**TH A 303**  Production Support for Theatre and Dance Performance (3): Regular; CS-12; Fall 2021

*Prerequisite: THA 302.*

Practical experiences in the technical work associated with School of Theatre & Dance performances in the various areas of theatrical and dance production.