

**CHEM 446 METABOLIC BIOCHEMISTRY (3)**

Lecture, 3 hours. A study of bioenergetics and the metabolism of biological molecules including carbohydrates, lipids, nucleic acids, and proteins. This course is only offered in the spring. Prerequisites: CHEM 335B or CHEM 232; CHEM 445 or BIOL 130; and a foundation in kinetics and thermodynamics, or consent of instructor.

**CHEM 492 CHEMISTRY SEMINAR SERIES (1)**

Invited speakers from universities and industry will present on current topics in the chemical and biochemical fields. May be repeated; does not count towards the major.

**CHEM 494 UNDERGRADUATE RESEARCH (1-6)**

Under supervision by the Chemistry faculty, students will participate in individual investigations of student- or faculty-initiated chemical problems. May be taken only by petition to the Chemistry Department. May be repeated. Prerequisite: consent of instructor.

**CHEM 495 SPECIAL STUDIES (1-3)**

Investigation of existing information on a specific or general topic of interest to the student. Prerequisites: consent of instructor; upper-division standing in chemistry or closely related science. May be repeated for credit up to 8 units.

**CHEM 496 SELECTED TOPICS IN CHEMISTRY (1-6)**

A study of an advanced topic in chemistry. May be repeated for credit with new subject matter. Prerequisites: CHEM 335A and 335B; may vary by subject matter.

**CHEM 497 RESEARCH SEMINAR (1)**

Laboratory, 3 hours. Capstone course for B.A. and B.S. degrees. The course will focus on techniques involved in the preparation and delivery of technical seminars. This final project will be a formal oral presentation to the Chemistry department on a research paper from the chemical literature or the student's undergraduate research project. Instruction includes the appropriate coverage of the selected topic, use of the chemical literature, and the reparation and use of PowerPoint, graphic, and web-based applications to create an informative talk. Prerequisite or corequisite: CHEM 401 required, or consent of instructor.

**CHEM 499 INTERNSHIP (1-4)**

Chemistry field experience in industrial, hospital, or similar laboratory settings. Enrollment by prior arrangement with supervising faculty member and community sponsor. Please see department advisor for details. Three hours of work per week for each unit of credit. Internship assignments may be paid. Cr/NC only. May be repeated.

**Communication Studies (COMS)**

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**COMS 160A HUMANITIES LEARNING COMMUNITY (4)**

COMS 160 A/B is a year long course, which features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking) and C3 (Comparative Perspectives and/or Foreign Languages) GE Areas. C- or better required in the second semester for A3 credit.

**COMS 160B HUMANITIES LEARNING COMMUNITY (4)**

COMS 160 A/B is a year long course, which features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking) and C3 (Comparative Perspectives and/or Foreign Languages) GE Areas. C- or better required in the second semester for A3 credit.

**COMS 162A HUMANITIES LEARNING COMMUNITY MEDIA LITERACY (4)**

COMS 162 A/B is a year long course, which, features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking and C3 (Comparative Perspectives and/or Foreign Languages) GE categories. C- or better required in the second semester for A3 credit.

**COMS 162B HUMANITIES LEARNING COMMUNITY MEDIA LITERACY (4)**

COMS 162 A/B is a year long course, which, features weekly lectures and small seminars. It constitutes a Humanities Learning Community (HLC) for any first-year student. The learning objectives of the HLC will satisfy A3 (Critical Thinking and C3 (Comparative Perspectives and/or Foreign Languages) GE categories. C- or better required in the second semester for A3 credit.

**COMS 200 PRINCIPLES OF MEDIA COMMUNICATION (4)**

An introduction to the history of mass communication, the mechanics of the mass communication industries, and theories of mass communication as a social, cultural, and political phenomenon.

**COMS 201 VIDEO PRODUCTION (4)**

A course for beginning video students. Assignments include: creation of skits and music videos; and conducting interviews using DV camcorders. Students also do a final creative project of their own.

**COMS 202 METHODS OF MEDIA CRITICISM (4)**

A survey of ways to analyze mediated texts, with a focus on film, television, magazines, music, news, and advertising. Methods and concepts include semiotics, structuralism, ideology, psychoanalysis, feminism, and postmodernism.

**COMS 210 WEB AND PRINT JOURNALISM (4)**

Introduction to a wide range of writing styles and formats, from hard news to features. Students learn to write for newspapers, magazines, television, radio, and the internet.

**COMS 240 PUBLIC RELATIONS (4)**

An overview of the history, structure, and organization of public relations. Students also learn the basic public relations tactics of writing, presentation, event organization, and web communication (taught face-to-face during the semester, hybrid during winter and summer session).

**COMS 265 RADIO AND AUDIO PRODUCTION (4)**

History of broadcasting; evolution of broadcast technology; introduction to basic theories and techniques of radio broadcasting. Overview of radio station organization, programming, and operation. Experience in radio program development and production techniques.

**COMS 273 SYRCE: TOPICS IN COMS (4)**

This course examines seminal moments in history that shaped the future of news reporting by identifying key tropes in the encoding and decoding of content. The course critiques traditional values, ethics and philosophies in order to portray the truth of the times as viewed through the lens of mediated communications. Satisfies GE Area C2. Only one course numbered 273 in the Arts & Humanities will be considered for credit. Prerequisite: completion of GE Category A2 (Engl 101 or ENGL 100B) required.

**COMS 275 21ST CENTURY TELEVISION AS ART (4)**

This course explores the "New Golden Age" of TV that arguably began with *The Sopranos* and which may, perhaps, be considered "art." Students will weigh relevant social and technological changes, study debates over subjectivity, taste, and cultural hierarchies, and assess what might distinguish these new shows from TV of old. Non-Majors Need Dept. Approval. Satisfies GE Area C1 (Fine Arts, Theatre, Dance, Music, and Film).

**COMS 301 MEDIA THEORY AND RESEARCH (4)**

Intermediate-level study of the key research events that contributed to the development of communication theories, government policy, and the emergence of communication as an academic discipline. Prerequisites: COMS 200, 202, and COMS majors with junior-level standing.

**COMS 302 MEDIA ETHICS AND LAW (4)**

The course will examine controversial ethical issues related to the media including sensationalism, bias, and deception. It will also cover how the media is regulated, as well as legal issues related to the First Amendment, libel, privacy, copyright, confidentially, obscenity, the right to a fair trial, advertising law the Freedom of Information and Open Meetings Acts. Prerequisites: COMS 200, 202, and COMS majors with junior-level standing.

**COMS 320 SELECTED TOPICS IN COMS (4)**

Intensive study of various topics and trends in the mass media, including advertising, propaganda and persuasion; children and the media; technical and scriptwriting; environmental and international communication; and film. May be repeated for additional credit with new subject matter. Course restricted to COMS majors. Taught face to face and online modes.

**COMS 321 INTERNATIONAL COMMUNICATION (4)**

Course develops a basic understanding of current issues related to the field of international communication. Surveys readings and videos on global media (MTV, CNN, ESPN, theme parks, video games, advertising, media campaigns for social change, computer hackers, Sesame Street, etc.). Overseas job and volunteer opportunities discussed.

**COMS 322 BROADCAST JOURNALISM (4)**

Introductory class on the art and craft of Journalism, print, video, and radio, by career professionals. Designed to give students a taste of real world media experience.

**COMS 323 HEALTH SCIENCE AND ENVIRONMENTAL JOURNALISM (4)**

Course will focus on research, reporting skills to produce magazine articles, or video/radio documentaries on health, science, and the environment. Other assignments include press releases, profiles, and memos. Lecture, videos, and field trips help to critique news, public relations, advertisements, PSAs, campaigns, film, television, music, and the internet on related issues. Junior-level standing required.

**COMS 324 SCRIPTWRITING FOR TV (4)**

Course focuses on fundamentals of writing professional-level scripts for video, television, and film productions. Assignments include lab work and homework producing scripts and storyboards for Public Service Announcements (PSAs), commercials, news packages, documentaries, corporate and educational training programs, and dramatic screenplays.

**COMS 325 NEW MEDIA (4)**

This course introduces students to new communication technology, its influence on society, and how to write for the new media environment. This course will focus on examining new communication technologies including the different ways in which these technologies are used, the theoretical models that are relevant to new communication technology as well as the practical applications and implications of new communication technology on communication.

**COMS 326 ADVANCED PRESENTATION TECHNIQUES (4)**

Course involves intensive self-evaluation of both verbal and non-verbal elements of presentation. Interviews, group communications, and presenting with multimedia are covered. Theories of communication are discussed as they relate to presentation styles. Junior-level standing required.

**COMS 327 MEDIA AND CHILDREN (4)**

Students learn about the latest research in child development, media design, and marketing. Students then apply these ideas to the creation of a media message for a specific age group. Junior-level standing required.

**COMS 328 AMERICA AT THE MOVIES (4)**

An examination of the sociopolitical meanings and significance of American film from the silent era to the present. To better understand how films can potentially reflect and affect society, students read about American history and analyze dozens of films in their particular historical contexts.

**COMS 329 "REALITY" TV AND FILM (4)**

How is "reality" mediated in film and television? In this course students examine the truthfulness, ethics, and sociopolitical implications of such forms and genres as the documentary, neorealism, *Dogme 95*, tabloid talk shows, voyeurism/confession shows, crime shows, freak shows, and contest/game shows.

**COMS 332 SCREENING VIOLENCE (4)**

Violence in media and popular culture has been the subject of great concern and voluminous research for many years. In this course students examine the history, meaning, and real-world implications and effects of media violence, with a focus on film, television, literature, news, sports, comics toys, and video games.

**COMS 333 COMMUNICATION, POWER, AND SOCIAL CHANGE (4)**

How does power operate through communication to delay or to advance social progress? Analyze history, film, documentary, news, corporate PR, government propaganda, and cultural myth. Craft short messages from comic books to posters to radio or video spots. Design and get feedback for messages students create on issues of choice.

**COMS 340 PUBLIC RELATIONS FIRM (4)**

This is a hands-on class for students who are planning to work in the field of public relations. The class is run as a public relations firm with students working as consultants with clients to develop plans and projects for public relations campaigns. Prerequisite: Consent of Instructor Required. Open to Juniors, Seniors and Graduates only. Non major needs Dept. approval

**COMS 368 NEWSPAPER WRITING/EDITING (STAR) (4)**

The faculty advisor offers a comprehensive evaluation -- oral and written -- of the most recent edition of the campus newspaper, the STAR. Instruction is provided on a wide variety of journalism topics, from editing and reporting to ethics and law. Students are required to read the STAR and the written evaluation by the advisor. May be repeated for up to 12 units.

**COMS 369 STUDIO BLUE (4)**

This is an essential class for students who will work in the Broadcasting Industry. Students will learn about the history, structure, and operations of local broadcasting. Students will be expected to work in a specific department of Studio Blue during the semester. May be repeated for credit up to 12 units.

**COMS 385 MEDIA LAB: RADIO (KSUN) (4)**

A media lab to develop a range of skills in the production of radio programs. Work focuses on the production of live and prerecorded pieces for KSUN, SSU's internet radio station ([www.sonoma.edu/ksun](http://www.sonoma.edu/ksun)). The lab also serves as the staff meeting of the radio station. May be repeated for up to 12 units.

**COMS 402 SENIOR SEMINAR (4)**

Students will share at least one critical analysis of a specific media message and complete a senior-level project/portfolio/study, which is the culmination of their major experience. Prerequisites: COMS 301 and 302; seniors only. Cannot be repeated for credit. Course is taught face to face during the semester and may also be offered Hybrid or Online during winter and summer session.

**COMS 435 SEMINAR IN MASS MEDIA (4)**

Seminar provides an opportunity to gain new insights into social problems through an intensive analysis of the role and impact of mass communication in contemporary society. Emphasis is on exploring, through a major research project, social issues that should be, but are not, fully covered by the mass media. Prerequisite: COMS 301, SOCI 300, SOCI 331, or consent of instructor. Cross-listed as SOCI 435.

**COMS 460 TEACHING ASSISTANT IN COMMUNICATION STUDIES (1-4)**

Intended to give students experience assisting instructors. Teaching Assistants help teach, do research, and tutor students in classes. Consent of instructor and department contract required. May be repeated for credit.

**COMS 470 RESEARCH ASSISTANT IN COMMUNICATION STUDIES (1-4)**

Intended to give selected students experience in the construction and implementation of a professor's research project. Consent of instructor and department contract required.

**COMS 495 SPECIAL STUDIES (1-4)**

Supervised study of a particular problem or area of interest in the media selected by the student in consultation with a sponsoring faculty member. Meetings will be arranged for discussions and progress evaluations. May be repeated for credit up to 8 units. Consent of instructor and Special Study 495 contract required.

**COMS 497 JOURNALISM FIELD STUDY (1-3)**

Students will travel to the national journalism conference where they will attend educational seminars in all aspects of journalism from writing, to design photography, to media convergence. They will attend lectures and speeches by both nationally and internationally renowned journalists and scholars. To be taken with COMS 368. May be repeated for up to 3 units of credit.

**COMS 499 MEDIA INTERNSHIP (1-4)**

This class provides students with an opportunity to discover how to make an effective transition from the classroom to the workplace. For a semester, individuals work in a media firm, business, newspaper, radio, or TV station. On the job, students learn networking and negotiating skills. Assignments for class include: a resume, workplace lingo, self-evaluation, profile of supervisor, and album with photos and text that describe the experience. There is also an interview for a job. Seniors only. Consent of instructor, internship agreement form, and department contracts required. Can be taken for up to 12 units only.

**Counseling (COUN)**

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**COUN 494 COUNSELING EXPERIENCE (1)**

Participation in personal counseling conducted by a graduate student in the counseling M.A. program under the direct supervision of a counseling department faculty member. Students generate a written evaluation of the counseling experience. Students compile a weekly journal and write a summary essay. May be repeated once. Cr/NC only. Prerequisite: instructor consent. Upper Division Elective.

**COUN 496 MIGRANT-EDUCATION ADVISOR PROGRAM (1-4)**

School-based counseling experience supervised by Counseling department faculty. Under the guidance of the instructor, undergraduate students advise, counsel, and mentor K-12 students with a migrant background. Prerequisites: participation in the Migrant Education Advisor Program (MEAP) and consent of the instructor.

**COUN 501 COUNSELING THEORIES AND PROFESSIONAL ORIENTATION (4)**

An orientation to professional counseling focusing on standards of practice, major counseling theories, and essential concepts in the practice of counseling including attention to concepts of resilience and recovery-based models. Advocacy, systems of care, services, support for the severely mentally ill, and collaborative treatment are addressed in both counseling and case management. Mental health principles, the history and philosophy of counseling, consultation, self-care, cultural competence, roles of professional organizations and governing bodies, and ethical standards of the discipline are presented. This course also includes focus on 1 unit of special topics toward the CA LPCC license.

**COUN 502 WHOLE LIFESPAN DEVELOPMENT (4)**

This course offers a developmental perspective on counseling interventions appropriately undertaken with children, adolescents, and adults. Objectives include: (1) providing students with an introduction to basic intervention strategies for counseling children and adolescents, taking into account cultural and socio-economic influences; (2) familiarizing students with special topics, e.g., impact of divorce on children, child maltreatment, and effects of domestic violence; (3) consideration of family, peer, school, and community contexts in treatment planning (i.e., integrative case formulation) with children and adolescents; (4) identifying basic intervention strategies that facilitate adaptive change in adults' lives, particularly in the context of significant transitions and life events; (5) addressing long term care and elder abuse; (6) consideration of gender, sexual orientation, and ethnicity issues; and (7) examination of changes in career, interpersonal relationships, family structure and dynamics with an emphasis on their interdependence. This course also incorporates focus on 1 unit of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.

**COUN 503 CLINICAL DIAGNOSIS AND TREATMENT PLANNING (4)**

A course designed to cover psychopathology and sociopolitical-related issues of diagnosis and treatment. Attention is given to: (1) understanding the variability of psychopathology in community counseling settings; (2) the application of evaluation methods and diagnostic classification systems of the Diagnostic and Statistical Manual of Mental and Emotional Disorders (DSM); (3) development of appropriate treatment plans; (4) the relationship of class, gender, and ethnic background to diagnosis and treatment; (5) mental health recovery-oriented care; (6) principles of collaborative treatment; and (7) the impact of co-occurring disorders. This course also includes a focus on 1 unit of special topics toward the CA LPCC license. Course restricted to Counseling M.A. students only.