



# Elective Courses Open to All UCSF Students



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San Francisco

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## School of Dentistry

Course Name & Number	Availability	Description
Biomedical Science 186 Advance Head & Neck Anatomy	Fall, Winter, Spring	Prerequisites: Successful completion of BMS 116, 117, and 118. Restrictions: Enrollment requires permission of instructor. Laboratory 3-9 hours. <b>M. McMaster</b> For high achieving students who want more exposure to gross anatomy through cadaver dissection, and study of prosected specimens, texts, atlases and supplemental materials. Students perform advanced dissections to explore functional anatomy of the head/neck and develop prosections for teaching and board review. All elements of the course are under the supervision of the anatomy faculty and will enhance student knowledge and understanding of anatomy science. (department: CELL & TISBI)
Biomedical Science 187 Lab Instruction in Gross Anatomy	Fall	Prerequisites: Successful completion of BMS 116, 117, and 118. Restrictions: Enrollment requires permission of instructor. Laboratory 3 hours. Seminar 3 hours. <b>M. McMaster</b> This course provides advanced training for students interested in anatomical sciences. Upperclass students will TA first-year dental students in the gross anatomy laboratory and rotate with faculty answering questions and assisting with dissection and study of cadavers. It provides reinforcement of anatomic knowledge covered in the first year of dental education in preparation of the National Board Part 1. (department: CELL & TISBI)
Biomedical Science 188 Basic Science Curriculum Development	Fall, Winter, Spring, Summer	Prerequisites: Successful completion of BMS 116, 117, and 118. Restrictions: Enrollment requires permission of instructor. Project 3-9 hours. <b>M. McMaster</b> Students will develop computer-based multimedia teaching tools working with basic science faculty. Projects will be incorporated into learning modules covering topics in the anatomy, histology, and/or neuroscience that will be applied in teaching and reviewing basic sciences for dental students. (department: CELL&TISBI )

Course Name & Number	Availability	Description
DPH 186 Interdisciplinary Team Training in Geriatrics	Fall, Winter, Spring, Summer	Lecture 2 hours. Clinic 3 hours. Field Work 2 hours. Observation 2 hours. <b>S. Hyde</b> A seminar and clinical rotation in which the students function as members of a multidisciplinary health care team. Students evaluate geriatric patients and formulate comprehensive treatment plans. Seminar topics include functional assessment, home assessment, social resources and dental management. ( department: PRV RS DEN )
OMFS 186 Acupuncture for Orofacial Pain	Winter	Prerequisites: Completion of two years of dental school; course will be offered as an elective. Restrictions: No students below D3. Seminar 1 hours. Clinic 1-2 hours. <b>G. Goddard</b> Each student will have a basic knowledge of the basic acupuncture points, learn good needling technique for painlessly inserting acupuncture needles for dental and orofacial pain. Students will be taught safe placement of needles and how to prevent or manage complications.

## School of Medicine

Department	Course Name & Number	Availability	Description
Biochemistry	160.01 Food Facts, Fads and Pharmacology	Spring	Contacts: Clyde Wilson, PhD, cfw@stanfordalumni.org; Alex Pastuszak Alexander.Pastuszak@ucsf.edu
Clinical Pharmacy	198 BAD BUGS: Interdisciplinary Perspectives on Antimicrobial Resistance	Spring	Maddougall, C. 1 starts 4/2, Wednesdays , 12-1 pm, N-217 Contact: Ariane Wilson (Ariane.wilson@ucsf.edu)
Epidemiology & Biostatistics	170.16 Environment and Health Hall	Winter	T. 1 1/16/08, Wednesdays, 5-7 pm in C-701 Student coordinator: Elizabeth Harrington (Elizabeth.Harrington@ucsf.edu)
Epidemiology & Biostatistics	180.08 Violence Prevention Conference	Winter	McLoughlin, E. / Hall, T. 1 Full day conference contact: Elizabeth McLoughlin (emclhall@comcast.net)
Epidemiology & Biostatistics	180.10 Introduction to Global Health	Spring	Novotny T. Toland Hall (U-142) Contact: Vaishali Patel (patelvs@globalhealth.ucsf.edu)
Family & Community Medicine	170.01A Introduction to Developmental Skills Training	Fall	Mehling, W. 1 9/10 & 9/11; Monday & Tuesday, 8 am - 4 pm, HSW-302 (DST)
Family & Community Medicine	170.01B Communicating with the Mandarin Speaking	Fall	Wang, X. 1 starts 10/8; Mondays, 4-6 pm, S-174; student coordinators: Elizabeth Tsang (lizzyx@gmail.com); Patient John Shen (john.shen@ucsf.edu)

Department	Course Name & Number	Availability	Description
Family & Community Medicine	170.01E Introduction to Health Policy	Fall	Rittenhouse, D. 1 starts 9/17; Mondays, 12-1 pm, N-225; student coordinators: David Kaufman (david.kaufman@ucsf.edu); Charlotte Carlson (charlotte.carlson@ucsf.edu)
Family & Community Medicine	170.10A Homeless Health Issues	Fall	J. 1 9/15; Saturday, 9:30 am - 4 pm, Cole Hall; breakout rooms: S-172, 174, 176, 178, 180; student coordinators: Katie Menzel (margaret.menzel@ucsf.edu); Solmaz Poorsattar (solmaz.poorsattar@ucsf.edu); Ashkon Shaahinfar (ashkon.shaahinfar@ucsf.edu)
Family & Community Medicine	171.03 AIDS Forum	Fall	Educate the UCSF student community about the HIV/AIDS epidemic beyond the scope of our standard medical, pharmacy, dental and nursing curricula. Encourage interaction and collaboration between UCSF students and neighboring HIV/AIDS community organizations
Family & Community Medicine	170.01 The Healer's Art	Winter	Remen, R. HSW-301 Student coordinators: Nicole Bores (Nicole.Bores@ucsf.edu); Charlotte Carlson (Charlotte.Carlson@ucsf.edu); Victoria Ward (victoria.ward@ucsf.edu)
Family & Community Medicine	170.01A Prison Healthcare	Winter	Shavit, S. Class size limited. Pre-register with organizer Student coordinator: Emily Whichard (emily.whichard@ucsf.edu)
Family & Community Medicine	170.01B Issues in LGBTI Health Care	Winter	Vener, M. Student coordinator: Amanda Yeaton-Massey (amanda.yeaton-massey@ucsf.edu)

Department	Course Name & Number	Availability	Description
Family & Community Medicine	170.01E Public Policy Advocacy for Healthcare Professionals	Winter	Barnes, R. Student coordinator: Justin Miyamoto (Justin.Miyamoto@ucsf.edu)
Family & Community Medicine	170.07 Communicating with the Latino Patient (Intermediate)	Winter	Braveman, Student coordinators: Edward Durant (Edward.Durant@ucsf.edu); Jimmy Padilla (Jimmy.Padilla@ucsf.edu); Shawn Slack (Shawn.Slack@ucsf.edu); Hugo Torres (Hugo.Torres@ucsf.edu)
Family & Community Medicine	198 Caring for the Underserved Wilson	Winter	Elisabeth (Beth) Student coordinators: Bianca Watson (Bianca.Watson@ucsf.edu); Amy Sargious (Amy.Sargious@ucsf.edu)
Family & Community Medicine	198 Communicating with the Mandarin Speaking Patient	Winter	Vener, M. Student coordinators: John Shen (John.Shen@ucsf.edu); Elizabeth Tsang (lizzyx@gmail.com, 707-592-8919)
Family & Community Medicine	170.01A Integrative Medicine Forum	Spring	Hughes, E location TBA Student contacts: Jeff Krauss (jeff.krauss@ucsf.edu); Mia Smucny (mia.smucny@ucsf.edu)
Family & Community Medicine	170.01B Communicating with the Cantonese-Speaking Patient	Spring	Vener, M./ Liang, C. S-174 Student contacts: Aileen Sy (aileen.sy@ucsf.edu), Brian Toy (brian.toy@ucsf.edu)
Family & Community Medicine	170.01C Public Policy Advocacy for Healthcare Professionals	Spring	Barnes, R. S-178 Student contact: Erica Brode (erica.brode@ucsf.edu)

Department	Course Name & Number	Availability	Description
Family & Community Medicine	170.31C Narrative Medicine: Student as Writer	Spring	Aronson L. S-168 Contact : Louise Aronson (aronsonl@medicine.ucsf.edu)
Medicine	170.02 Social Activism in Medicine	Fall	Jain, S. location TBA Student coordinators: Tim Poore (timothy.poore@ucsf.edu); Vicky Ward (victoria.ward@ucsf.edu)
Medicine	170.01A Impact of Interpersonal Violence on Health	Winter	Gross M. / McNamara, M. S-176 Student coordinator: Carrie Cunningham (Carrie.Cunningham@ucsf.edu)
Medicine	170.01B Bioethics and Society	Winter	White D. S-176 Student coordinators: Christopher Bautista (Christopher.Bautista@ucsf.edu); Fan Liu (Fan.Liu@ucsf.edu); Celeste Reinking (Celeste.Reinking@ucsf.edu); Naftali Presser (Naftali.Presser@ucsf.edu)
Medicine	170.30 Older Adults and End of Life Care	Winter	Aronson, L. S-176 Stories student coordinators: Tess Lang (Tess.Lang@ucsf.edu)
Medicine	170.31B Narrative Medicine	Winter	Aronson L. N-417 Student coordinator: Mel Hayes (Mel.Hayes@ucsf.edu)
Obstetrics & Gynecology	170.06 African American Health Disparities	Fall	Raine-Bennett, T. 1 starts 9/18; Tuesdays, 12-1 PM in S-182; Student coordinators: Christian Okoye (Christian.Okoye@ucsf.edu); Latifat Alli (Latifat.Alli@ucsf.edu); Julia Crothers (Julia.Crothers@ucsf.edu)

Department	Course Name & Number	Availability	Description
Obstetrics & Gynecology	170.03 Reproductive Choices	Winter	Darney, P./ Raine, T. HSW-300 Student coordinator: Jessie Plauche (Jessica.Plauche@ucsf.edu)
Obstetrics & Gynecology	170.05 Health Care Issues in the Sex Worker Population	Winter	Cohan, D. S-18 Contact: Jay Dwyer (jdwyer@php.ucsf.edu); KC Bly
Obstetrics & Gynecology	170.07 Latina Health Issues	Winter	Robertson, P. / de Pineres, T. S-157 Student coordinator: Megan Swanson (megan.swanson@ucsf.edu)
Surgery	198 Making Good Decisions in High Stakes Situations	Fall	Belkora, J. Schedule TBD Student coordinators: Laura Petrillo (laura.petrillo@ucsf.edu); Mary Zhang (mary.zhang@ucsf.edu)
Pediatrics	170.01B Beginning Vietnamese	Winter, Spring	Kelly T. C-130 Student coordinator: Nga Hoang (Nga.Hoang@ucsf.edu)
Inter-disciplinary studies	202. Health Policy Research Across Disciplines	Winter	Prerequisites: None. Restrictions: Consent of instructor. Lecture 1 hours. Laboratory 3 hours. <b>D. Dohan</b> Course examines the relationship between the kinds of health policy questions asked and the various quantitative and qualitative research methods we use to address them. Strategies range from assessing whether and how programs meet stated goals to understanding when and why new technologies are adopted, to explaining variation in disease rates or treatment cost effectiveness. (department: CL PHARM HISTSOCMED )



Department	Course Name & Number	Availability	Description
Inter-disciplinary studies	203. Health Policy Writing Seminar	Fall, Winter, Spring	<p>Prerequisites: None. Restrictions: Consent of instructor. Seminar 3 hours. Project 3 hours. <b>D. Dohan</b></p> <p>This course provides a structured format in which students and faculty from a variety of disciplinary backgrounds (including medicine, nursing, public health, and social and behavioral science) write, read, and critique research papers in progress and other products of creative activity related to health policy research. Interdisciplinary review and feedback supports student's efforts to develop research that translates across disciplines and reaches diverse policy audiences. ( department: CL PHARM HISTSOCMED SOC BEH SC )</p>
Inter-disciplinary studies	140.03. Global Health Problem Solving and Science	Summer	<p>Prerequisites: Advanced medicine, pharmacy, nursing and PhD students in Global Health Areas of Concentration. Restrictions: UCSF students only. Must be taken in conjunction with IDS 150.03, Designing Clinical Research. Seminar 12 hours. <b>C. Stewart, G. Rutherford, H. Debas</b></p> <p>This is a problem-based learning course using case studies of interest to the students, who share the responsibility for seminar preparation with mentoring faculty. They will learn about multinational organizations, high disease burden global health problems, collaborative approaches to solving these problems, and career tracks for global health. ( department: EPID &amp; BIO SURGERY )</p>

## School of Nursing

Course Name & Number	Availability	Description
B187 Introduction to Statistics	Winter	Review of basic statistical theory, sampling, descriptive statistics, and probability. Presentation of confidence intervals, hypothesis testing, one- and two-factor analysis of variance, correlation, simple linear regression, and chi-square tests. A preparation for more advanced work. EPID & BIO
B192 Introduction to Linear Models	Spring	This course begins with bivariate correlation and simple linear regression and then moves on to a presentation of multiple regression techniques and the analysis of variance under the general model. The focus is on the choice of technique and interpretation of results rather than on mathematical development of the methods. EPID & BIO
N203 End of Life Care Across Practice Settings	Spring	Taught by faculty from UCSF Schools of Medicine and Nursing as well as outside speakers, this course examines the theory and practice of providing end-of-life care to patients and their families within and across multiple practice settings, including acute care. A case-based, experiential, and multidisciplinary approach to palliative care will address symptom management as well as cultural, spiritual, ethical, and communication issues.
N209A Comparative Qualitative Research Design	Fall	Course provides an introduction to the principles and methods of qualitative research, critically analyzing the elements of qualitative research design set within the context of the research questions to be asked and the existing knowledge in the area. FAM HLTH
N212A Qualitative Data Collection and Ethics	Spring	Course examines the construction of qualitative research and ethics in research. Students formulate research questions and design a qualitative study. FAM HLTH

Course Name & Number	Availability	Description
N212B Quantitative Measurement and Theory	Spring	Course critically evaluates concepts underlying measurement reliability and validity. Construction of measurement tools and their use in quantitative research will be explored. INTERDEPARTMENTAL
N230 Measuring Outcomes of Health Care	Fall	Course presents current approaches and methods for clinical effectiveness and outcomes evaluation. The influence of patient, provider, and organizational factors on clinical effectiveness and outcomes evaluation is critically analyzed. COMM HLTH SYST
N231A Substance Use & Mental Illness	Spring	Examines causes and consequences of substance use disorders among severely mentally ill adults. Examines service delivery models developed for harm reduction and to promote recovery among high-risk populations. Emphasis on culturally competent services for diverse groups. COMM HLTH SYST
N232.04A Pediatric Pharmacology	Spring	Course provides overview of pediatric pharmacology with emphasis on medications used in primary care settings. Content includes developing changes in drug absorption, distribution, elimination and adverse effects from birth through adolescence. Legal, ethical, safety and patient education aspects of furnishing medications to children are discussed, as well as the integration of evidence-based pharmacologic interventions into advanced practice pediatric nursing. FAM HLTH
N240.04 Violence and Health	Spring	Seminar focuses on family violence and its impact on health, family, and community. FAM HLTH
N242B HIV Clinical Pharmacology	Fall, Spring	Course will introduce the clinical application of pharmacology in the management of HIV-infected adults and adolescents based on the current U.S. DHHS Treatment Guidelines for Antiretroviral Therapies and the Prevention of Opportunistic Infections. COMM HLTH SYST

Course Name & Number	Availability	Description
N253 Theories of the Policy Process	Fall	Course focuses on learning and using theories of the policy process, including analyzing how health policy problems are constructed. Perspectives on agenda setting, media roles, advocacy, policy innovations, diffusion and implementation will be integrated with examples of policy problems. SOC BEH SCI
N262.05 Primary and Complementary Care Research Utilization	Spring	Course develops skills in research utilization and the critical review of current published research on complementary approaches to health and healing. COMM HLTH SYST
N273D Environment & Health	TBA	This interdisciplinary course will introduce a broad range of environmental health topics affecting health status. Exposure assessment, risk communication, prevention strategies, and environmental health policies will be covered, with special attention to childbearing families, children and communities at risk for environmental injustice. Directed reading in environmental health and critical thinking skills are emphasized.
N289.01 Advanced Methods: Meta-Analysis	Fall	Course will familiarize students with meta-analysis techniques for conducting integrative research review on a phenomenon of interest. Content includes an overview of meta-analysis techniques, issues and controversies, steps in conducting a meta-analysis, including effect sizes, and inter-rater reliability. FAM HLTH
N407 Basic Interpretation of Chest X-rays (Practicum in Physiological Nursing)	Fall, Winter, Spring	Opportunity to apply theory in clinical practice to further develop skills and to extend clinical expertise in selected aspects of physiological nursing. Guided clinical laboratory experience is designed to develop mastery of advanced skills. PHYS NURS .
S212C Sociological Theory: Symbolic Interaction	Spring	Course consists of readings and discussions on interactionist theory in sociology, with emphasis on the origins and development of the Chicago School of Sociology, as well as an examination of the link between philosophy of pragmatism and interactionism. SOC BEH SCI

Course Name & Number	Availability	Description
S233 Sociology of Aging	Winter, Spring	Course reviews theories of aging including a review of theories of aging, current and historical trends in aging, factors related to aging, effects of aging on individuals and families, and formal and informal service systems for an aging population. SOC BEH SCI
S235 Tobacco Control Policy Issues	Spring	Course focuses on issues and evolution of tobacco control policies in the United States and internationally. Lectures and readings in the history of tobacco control will prepare students to engage in weekly discussions and case studies of particular tobacco control policies. SOC BEH SCI
S236 Race and Class Factors in Health Care Delivery	Fall, Winter, Spring	Course examines racial and class membership impact on access to health care services, variations in the quality of those services, and how professional and sub-professional roles in the health care system are organized along racial and class lines. SOC BEH SCI
S246 Communications & Policy Leadership	Spring	Course focuses on developing students' skills in various types of policy-relevant communications and leadership across different policy venues. SOC BEH SCI
S282 Sociology of Science/Technology	Winter	Course examines early functionalist and Marxist theories, Kuhn's work, social constructionist, ethnomethodological, interactionist, neo-functionalist, critical, and neo-Marxist perspectives. Focuses on laboratory, controversy, technological, and representational studies and organization and funding. Links history and philosophy. SOC BEH SCI
S285A Qualitative Methods I	Fall	Course reviews many of the types of qualitative research methods, emphasizing assumptions, approaches. Focus on design, entree, ethics, data-gathering techniques [interviewing, observing], data recording and management. Introduction to data analysis. SOC BEH SCI

<b>Course Name &amp; Number</b>	<b>Availability</b>	<b>Description</b>
S285B Qualitative Methods II: Analysis	Winter	Course compares and contrasts modes of qualitative analysis. Examines issues in establishing plausibility, credibility, adequacy. Intensive data analysis and examination of the problems of presentation of findings with focus on questions of authority and preparation of text. SOC BEH SCI
S286 Gender, Sex & Health	Fall, Winter, Spring	Course examines women's participation in formal/informal health and healing systems, emphasizing health problems, recruitment to health professions, images of women in health and illness, and women as providers. Health issues of women of color in the U.S. are highlighted. SOC BEH SCI

## School of Pharmacy

Course Name & Number	Availability	Description
CP 151 Pediatric Pharmacology	Spring	A survey course of the common childhood diseases. The course will cover the basic principles and applied pharmacology of diseases of children as well as common problems such as dosage delivery, adverse reactions and immunization requirements for the pediatric patient. Instructor: <b>Englert</b>
152.02. Veterinary Pharmacy	Spring	This course introduces the field of veterinary pharmacy, variability in drug response, metabolism, dosing and compounding for animal patients, regulatory issues relative to using drugs in food animals, public health regarding zoonotic disease and economic considerations in different practice situations.
CP 152.03 Women's Health Issues	Fall	This course will focus on the important women's health issues such as premenstrual syndrome/premenstrual dysphoric disorder, HIV and pregnancy, hormone replacement therapy, contraception, fertility, breast cancer, etc. The information presented in this course would be beneficial and useful for all students in healthcare professions. Instructor: <b>El-Ibiary</b>
CP 152.04 Focus on HIV	Spring	Students will participate in a lecture series that outlines the HIV disease process, prevention and treatment strategies and the psycho-social aspects of HIV and its treatment. Periodic quizzes will be given and students are to participate in mock medication adherence and patient confidentiality projects. Instructor: <b>Cocohoba/Dong</b>
CP 170.08 Chemo. & Clinical Oncology	Fall	This interdisciplinary course is designed to provide a framework of concepts and skills about preventive medicine, focusing on cancer prevention. Instructor: <b>Yuen</b>

Course Name & Number	Availability	Description
CP 170.10 Herbal & Dietary Supplements	Spring	The course provides a thorough review of the most likely herbal and dietary agents that will be encountered in practice. Specific product information including source, use, pharmacokinetics, pharmacology, side effects, precautions, dosing and availability for each agent will be reviewed. Instructor: <b>Tsourounis/Dennehy</b>
CP 170.30 Clinical Toxicology	Winter	This is a survey elective course on the principles of clinical toxicology. Emphasis will be on pre-hospital and hospital management of poisonings with a case-oriented lecture format. Topics are prioritized by prevalence of human poisoning, natural and synthetic toxins, and target organ effects. Course may be appropriate for pharmacy and medical students that have had previous pharmacology course experiences. Instructor: <b>Kearney</b>
CP 198 Bad Bugs	Spring	This course explores interdisciplinary perspectives on antimicrobial resistance. Instructor:
CP 198 Diabetes Elective	see the current schedule /quarter varies, 2009: Winter quarter	Description to be added.... Instructor: <b>Kirby Lee</b>