

Public Health Elective list (updated 8/17/2016)

Any class categorized as Public Health may count as an elective unit towards the Public Health major, except for DeCal classes and independent research. Other courses not expressly listed below may be considered pending one-time approval by the Undergraduate Management Committee. Please discuss with the Academic Advisor.

Undergraduates may also be permitted to take graduate classes pending instructor approval and pre-requirement completion. Please discuss with the instructor prior to signing up for the class on CalCentral.

Please refer to the Schedule of Classes on CalCentral and <http://guide.berkeley.edu/courses/> for more details about specific courses.

Biostatistics

- DEMOG 110: Introduction to Population Analysis (3)
- MATH 53: Multivariable Calculus (4)
- MATH 54: Linear Algebra and Differential Equations (4)
- PB HLTH 143: Introduction to Methods in Computational Biology (4)
- PB HLTH 145: Statistical Analysis of Continuous-Outcome Data (4)
- STAT 133: Concepts in Computing with Data (3)
- STAT 134: Concepts of Probability (3)
- STAT 135: Concepts of Statistics (4)
- STAT 150: Stochastic Processes (3)
- STAT 151A/B: Linear Modeling: Theory and Application (8)
- STAT 152: Introduction to Time Series (4)

Community Health & Human Development

- ASAMST 143: Asian American Health (3)
- CHICANO 176: Chicanos and Health Care (3)
- NUSCTX 166: Nutrition in the Community (3)
- PB HLTH 14: Introduction to Public Health (4)
- PB HLTH 103: Drugs, Health, and Society (2)
- PB HLTH 104 A/B: Health Promotion in a College Setting (2/2)
- PB HLTH 105: Policy, Planning and Evaluation of Health Promotion in a College Setting (3)
- PB HLTH 107: Violence, Social Justice, and Public Health (2)
- PB HLTH 113: Campus/Community Health Impact Program (3)
- PB HLTH 114: Issues in Personal and Community Health Promotion (3)
- PB HLTH 118: Nutrition in Developing Countries
- PB HLTH C129/NEUROSC C129: Aging and the Human Brain (3)
- PB HLTH C155: Sociology of Health and Medicine (4)
- PSYCH 134: Health Psychology

Environmental Health Sciences

- CHEM 112A, B : Organic Chemistry (10)
- CIV ENG 108: Air Pollution Emission and Controls (3)
- CIV ENG 109: Indoor Air Quality (3)
- CIV ENG 110: Water Pollution Control and Treatment (3)
- CIV ENG 111: Environmental Engineering (3)
- CIV ENG 113: Ecological Engineering for Water Quality Improvement (3)
- CIV ENG 114: Environmental Microbiology (3)
- ECON C102/ENVECON C102: Natural Resource Economics (4)
- ECON C171/ENVECON C151: Economic Development (4)
- ECON C181/ENVECON C181: International Trade (4)
- DEV STD 150/GEOG C123: Postcolonial Geographies (4)
- ENE,RES C100/PUB POL C184: Energy and Society (4)
- ENE,RES 102: Quantitative Aspects of Global Environment Problems (4)
- ENE,RES 130: Analysis of Environmental Data (3)
- ENVECON 131: Globalization and the Natural Environment (4)
- ENVECON 152: Advanced Topics in Development and International Trade (3)
- ENVECON 153: Population, Environment, and Development (3)
- ENVECON 161: Advanced Topics in Environmental and Resource Economics (4)
- ESPM 155: Sociology of Natural Resources (4)
- ESPM 167: Environmental Health and Development (4)
- ESPM 168: Political Ecology (3)
- ESPM 169: International Environmental Politics (4)
- GEOG 123: Postcolonial Geographies (4)
- GEOG 130: Food and the Environment (4)
- GEOG 138: Global Environmental Politics (4)
- GEOG C188/LD ARCH C188: Geographic Information Systems (4)
- HISTORY 120AC: Environmental and Cultural History of America (4)
- INTEGBI 117: Medical Ethnobotany (2)
- IAS C175/ENVECON C175: The Economics of Climate Change
- ISF 100D: Introduction to Technology, Society, and Culture (4)
- LATAMST 150: Perspectives for Sustainable Rural Development in Latin America (4)
- NUSCTX 110: Toxicology (4)
- NUSCTX 166: Nutrition in the Community (3)
- PB HLTH 170: Drinking Water and Health (3)
- PB HLTH C172: Pharmacology and Toxicology (3)
- SOCIOL 121: Innovation and Entrepreneurship: Social and Cultural Context (4)
- SOCIOL 166: Society and Technology (4)

Epidemiology

- CHEM 112A, B: Organic Chemistry (10)
- DEMOG 110: Introduction to Population Analysis (3)
- GEOG 130: Food and the Environment (4)
- INTEGBI 131: General Human Anatomy (3)
- INTEGBI 132: Survey of Human Physiology (3)
- INTEGBI 140: Biology and Sociobiology of Human Reproduction (4)
- MCELLBI 140: General Genetics (4)
- MCELLBI 152: The Immune System (4)
- PB HLTH 112: Global Health: A Multidisciplinary Examination (4)

Health Policy & Management

- CY PLAN 112A: The Idea of Planning (3)
- CY PLAN 120: Community Planning and Public Policy for Disability (3)
- ECON 157: Health Economics (3)
- ESPM 102D: Resource and Environmental Policy (4)
- LEGALST 103: Theories of Law and Society (4)
- LEGALST 107: Theories of Justice (4)
- LEGALST 165: Drug, Tobacco and Alcohol Policy (cross-listed with PUB POL 162C) (3)
- LEGALST 168: Sex, Reproduction and the Law (4)
- MASS COMM 102: The Effects of Mass Media (4)
- PB HLTH126: Health Economics and Public Policy (3)
- PB HLTH 116: Social, Political and Ethical Issues in Health and Medicine (2)
- PB HLTH 126: Health Economics (3)
- PB HLTH 180: Topics in Human Sexuality (2)
- PB HLTH 181 Population and Poverty (2-3)
- PB HLTH 183 History of Medicine and Public Health (3)
- POL SCI 103: Congress (4)
- POL SCI 150: The American Legal System (3)
- POL SCI 171: California Politics (4)
- PUB POL 101: Introduction to Public Policy Analysis (4)
- PUB POL 117AC: Race, Ethnicity and Public Policy (4)
- PUB POL 156: Program and Policy Design (4)
- PUB POL 179: Public Budgeting (4)
- SOCIOL 115G: Global Health and Social Justice (4)
- SOC WEL 112: Social Welfare Policy (3)

Infectious Diseases

- ESPM C138/MCELLBI C114/PLANTBI C114: Introduction to Comparative Virology (4)
- ESPM 145: Arthropod-borne Zoonotic Diseases (2)
- ESPM 146: Medical/Veterinary Entomology (3)
- INTEGBI 131: General Anatomy (3)
- INTEGBI 132: Survey of Human Physiology (3)
- INTEGBI 137: General Endocrinology (4)
- MCELLBI C100A/CHEM C130: Biophysical Chemistry (4)
- MCELLBI 102: Principles of Biochemistry and Molecular Biology (4)
- MCELLBI 114: Introduction to Comparative Virology (4)
- MCELLBI 130: Cell Biology (4)
- MCELLBI 140: General genetics (4)
- MCELLBI 150: Molecular Immunology (4)
- MCELLBI 160: Introduction to Neurobiology (4)
- PLANTBI 110: Biology of Fungi (4)
- PB HLTH 162A: Public Health Microbiology (3)