Spring 2017 Public Health Courses

Schedule is subject to change at the discretion of the department hosting the course.

**Lower-Division Biology:**
BILD 1 The Cell: CHEM 6A; CHEM 6B may be taken concurrently
BILD 2 Multicellular Life: BILD 1
BILD 3 Organismic and Evolutionary Biology: none
BILD 22 Human Nutrition: nonbiology majors only. Students may not receive credit for BILD 22 after receiving credit for BIBC 120.
COGS 17 Neurobiology of Cognition: none; students may not receive credit for both BILD 12 and COGS 17

**Lower-Division Quantitative Methods:**
*COGS 14B Introduction to Statistical Analysis: COGS 14A
MATH 11 Calculus-Based Introductory Probability and Statistics: AP Calculus BC score of 3, 4, or 5, or MATH 10B or MATH 20B
PSYC 60 Introduction to Statistics: none

**Lower-Division Social & Behavioral Science Electives:**
ANTH 23 Debating Multiculturalism: Race, Ethnicity, and Class in American Societies: none
*CGS 2B Introduction to Critical Gender Studies: Gender and Institutions: none
*COGS 14A Introduction to Research Methods: none
*COMM 10 Introduction to Communication: none
*ECON 1 Principles of Microeconomics: none
HILD 30 History of Public Health: none
*POLI 10D Introduction to Political Science: American Politics: none
*PSYC 1 Psychology: none
*PSYC 2 General Psychology: Biological Foundations: none
*PSYC 4 General Psychology: Behavioral Foundations: none
*PSYC 6 General Psychology: Social Foundations: none
*PSYC 70 Research Methods in Psychology: PSYC 60 or equivalent
*SOCI 30 Science, Technology and Society: none
SOCI 40 Sociology of Health-Care Issues: none
*SOCI 60 The Practice of Social Research: none

**Lower-Division Public Health Core Courses:**
FMPH 40 Introduction to Public Health: none

* Starred courses may be petitioned in VAC to count towards major requirements.
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Upper-Division Public Health Core Courses:
FPMU 101 Epidemiology: FPMU 40; PSYC 60, COGS 14B or MATH 11; and upper-division standing
FPMU 102 Biostatistics in Public Health: PSYC 60, MATH 11 or COGS 14B; and upper-division standing
FPMU 110 Health Behavior and Chronic Diseases: FPMU 40 and upper-division standing
FPMU 120 Health Policies for Healthy Lifestyles: FPMU 110 and upper-division standing
FPMU 130 Environmental & Occupational Health: FPMU 50; FPMU 101 or 101A; and upper-division standing

Upper-Division Electives:
*ANSC 146 A Global Health Perspective on HIV: upper-division standing
ANSC 147 Global Health and the Environment: upper division standing
*ANSC 164 Introduction to Medical Anthropology: upper-division standing
BIBC 120 Nutrition: BIBC 102
BIEB 100 Biostatistics: BILD 3 and MATH 10A or MATH 20A and MATH 10B or MATH 20B (Students may not receive credit for BIEB 100 and SIO 187)
BIEB 152 Evolution of Infectious Diseases: BILD 3
*BIMM 110 Molecular Basis of Human Disease: BICD 100; BIBC 100 or 102; BIMM 100
BIMM 114 Virology: BIMM 100
*COMM 102C Media and Design of Social Learning Context: upper-division standing
ECON 120A Econometrics A: ECON 1A or 1; and MATH 10C or 20C
ECON 120B Econometrics B: ECON 120A or ECE 109 or MATH 180B or MATH 183 or MATH 186 (Credit not allowed for both ECON 120B and MATH 181A)
ECON 125 Demographic Analysis and Forecasting: ECON 120B or MATH 181B
ECON 140 Economics of Health Producers: ECON 2 or ECON 100B
ETHN 142 Medicine, Race, and the Global Politics of Inequality: upper-division standing
ETHN 183 Gender, Race, Ethnicity, and Class: upper-division standing
ETHN 185 Discourse, Power, and Inequality: upper-division standing
FMPH 180C Advanced Practicum II: FMPH 180B
FMPH 191 Topics in Public Health: Intro to Field Epidemiology and Outbreak Investigations: FPMU 101
FMPH 194 Public Health Capstone II: FMPH 193; FPMH 120; department approval (contact department in VAC for authorization)
*GLBH 181 Essentials of Global Health: upper-division standing
HDP 122 Social Development: HDP 1
*HISC 180 Science and Public Policy: upper-division standing and department approval
MATH 181A Introduction to Mathematical Statistics I: MATH 180A, and MATH 18 or MATH 20F or MATH 31AH, or consent of instructor
MATH 181B Introduction to Mathematical Statistics II: MATH 181A or consent of instructor
MATH 183 Statistical Methods: MATH 20C (21C) with a grade of C- or better, or consent of instructor (Credit not offered for Math 183 if Econ 120A, ECE 109, MATH 180A, MATH 181A, or MATH 186 previously or concurrently taken.)
*MATH 185 Introduction to Computational Statistics: MATH 11, or MATH 181A, or MATH 183, or MATH 186, or MAE 100, or ECE 109, or ECON 120A; and either MATH 18 or Math 31AH; or consent of instructor

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**Spring 2017 Public Health Courses**

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### Upper-Division Electives (cont’d):

- **MGT 173** Project Management: Health Services: upper-division standing
- **PHIL 148** Philosophy and the Environment: upper-division standing or consent of instructor
- **PSYC 104** Introduction to Social Psychology: upper-division standing
- **PSYC 134** Eating Disorders: upper-division standing
- **SIO 187** Statistical Methods in Marine Biology: BILD 3 or instructor consent (*Students may not receive credit for BIEB 100 and SIO 187*)
- **SOCI 152/USP 133** Social Inequality and Public Policy: upper-division standing
- **USP 147** Case Studies in Health-Care Programs/Poor and Underserved Population: upper-division standing or consent of instructor

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*Updated 2/13/2017*