



The University of Washington

SCHOOL OF PUBLIC HEALTH

Department of Environmental and Occupational Health Sciences

ENV H Interest Area Electives - Biomedical Sciences

The biomedical sciences interest area provides an early start for premed students interested in careers in public health and occupational and environmental medicine or who want to become familiar with this fascinating collection of scientific health disciplines, which are only lightly touched upon in medical school. This program offers the unique opportunity to become familiar with the spectrum of methods for the characterization of environmental and occupational human health hazards that confront our communities, our country and the world. Skills learned will include a familiarity with the interface between human health and the environment including both the natural and the humanly modified environment and the workplace. Students choosing this interest area will have the opportunity to work closely with internationally-known researchers and physicians in the field of occupational and environmental health. The interest area adviser is Victor Van Hee vvanhee@uw.edu.

Anthropology

- ANTH 322 Comparative Study of Death (5)
- ANTH 375 Comparative Systems of Healing (3)
- ANTH 477 Medicine in America: Conflicts and Contradictions (3)

Biochemistry

- BIOC 405 Introduction to Biochemistry (3) [A]
- BIOC 406 Introduction to Biochemistry (3) [W]
- BIOC 440 Biochemistry (4) [A]
- BIOC 441 Biochemistry (4) [W]
- BIOC 442 Biochemistry (4) [SP]

Bioethics and Humanities (formerly Medical History and Ethics)

- B H 401 History of Modern Medicine (3)
- B H 402 Ethical Theory (5)
- B H 411 Introduction to Bioethics (3)
- B H 417 Disease in History (3)
- B H 481 The Pursuit of Health in American Society (3)
- B H 485 Concepts of the Body in Nineteenth- and Twentieth-Century America (3)

Biology

- BIOL 355 Foundations in Molecular Cell Biology (3) [A,W,SP,S]
- BIOL 405 Cellular and Molecular Biology of Human Disease (3)

Classics

- CLAS 205 Bioscientific Vocabulary Building from Latin and Greek (3) [A,W,SP,S]

English

- ENGL 364 Literature and Medicine (5)

Geography

- GEOG 280 Introduction to the Geography of Health and Health Care (5)
- GEOG 380 Geographical Patterns of Health and Disease (4) [W]
- GEOG 480 Environmental Geography, Climate, and Health (5) [W]

Genome Sciences

- GENOME 351 Human Genetics: The Individual and Society (4)
- GENOME 371 Introductory Genetics (5) [A,W,SP,S]
- GENOME 372 Genomics and Proteomics (5)
- GENOME 411 Gene Action (5) [W]

History

- HIST 211 Introduction to the History of Science (5)

Microbiology

- MICROM 410 Fundamentals of General Microbiology I (3) [A]
- MICROM 412 Prokaryotic Diversity (3) [SP]
- MICROM 442 Medical Bacteriology (3) [W]

Nutritional Science

- NUTR 300 Nutrition for Today (3) [A]
- NUTR 405 Phys Activity in Health and Disease (3) [SP]

Philosophy

- PHIL 242 Introduction to Medical Ethics (5)
- PHIL 481 Philosophy of Biology (5)

Physics

- PHYS 116 General Physics (4) [A,W,SP,S]
- PHYS 119 General Physics Laboratory (1) [A,W,SP,S]
- PHYS 123 Waves (5) [A,W,SP,S]

Sociology

- SOC 487 Sociology of Gender and Sexuality (5)
- SOC 490 The Urban Underclass (5)

University Conjoint Courses

- UCONJ 290 Diversity Issues in the Health Care Environment (1-2, max. 2)
- UCONJ 490 Social Sensitivity in Health Care (3)

Women's Studies

- WOMEN 488 Women and Sciences (5)