

Environmental Health Concentration

Supporting Department: [Allied Health Sciences](#)
(College of Agriculture & Natural Resources)

Concentration objectives:

To provide students with a strong foundation in basic biological sciences coupled with a broad understanding of concepts in environmental health. Course work will focus on the etiology of human disease from the standpoint of chemical, radiological and bacteriological environmental exposures via food, water, air, occupation and personal habits (i.e. tobacco). Particular emphasis is placed on cancer and reproductive risks, and epidemiological techniques designed to detect incremental risks associated with environmental exposure.

Contact the concentration advisor Dr. Lawrence Silbart (Lawrence.Silbart@uconn.edu) for more information.

Environmental Health concentration required course work:

Students must pass all of the following:

AH 3021 or AH 3133

AH 3275
ANSC 4341

Environmental Genetics and Cancer or Cancer and Your Health
HAZWOPER
Food Microbiology and Safety

Students must pass 2 of the following (*At least 1 of these laboratory courses must be taken.)

MCB 2410
MCB 2610*
MCB 3011
MCB 3201
MCB 3633*
MCB 4211

Genetics
Fundamentals of Microbiology
Human Metabolism and Disease
Gene Expression
Pathogenic Microbiology
Basic Immunology

Students must pass 1 of the following:

AH 3570
AH 3571
AH 3573
AH 3574
ANSC 4642
DGS 3222
NUSC 4236
PVS 2100
PVS 4300

Health and Safety Management in the Workplace
Health Hazards in the Workplace
Health and Safety Standards in the Workplace
Ergonomics
Food Microbiology Lab
Medical Cytogenetics
Principles of Nutrition
Anatomy and Physiology of Animals
Principles of Pathobiology