Environmental Chemistry
PhD Specialty Program

Faculty:
Matt Simcik, PhD

General Requirements:
PubH 6320 Fundamentals of Epidemiology (3 cr)
Stat 5021 Statistical Analysis (4 cr)
PubH 6742 Ethics in Public Health Research and Policy (1 cr)
PubH 8777 Thesis (24 cr)

Division Core Courses:
PubH 6103 Exposure to Environmental Hazards (2 cr)
PubH 6104 Environmental Health Effects: Introduction to Toxicology (2 cr)
PubH 6105 Environmental and Occupational Health Policy (2 cr)

Specialty Program Course Requirements:
CE 5541 Environmental Water Chemistry (4 cr)
CE 8542 Advanced Organic Environmental Chemistry (3 cr)
EEB 4601 Limnology (3 cr)
PubH 6190 Environmental Chemistry (3 cr)

TOTAL CREDITS: 54 required (plus electives in consultation with advisor)

Proposed Electives:
AgET 5223 Hydrology and Water Quality (3 cr)
CBIO 8004 Economic and Social Aspects of Conservation Biology (3 cr)
CE 4561 Solid Hazardous Wastes (3 cr)
CE 8503 Environmental Mass Transport (4 cr)
CE 8561 Analysis and Modeling of Aquatic Environment (3 cr)
EEB 4609 Ecosystem Ecology (3 cr)
Proposed Electives (cont.):
EEB 4611 Biogeochemical Processes (3 cr)
EEB 8620 Advanced Limnology (2 cr)
PubH 7196 Field Experiences in Environmental and Occupational Health (3-5 cr)
Soil 5311 Soil Chemistry (3 cr)
WRS 8050 Ecological Risk Assessment (3 cr)

Credits are listed in ( ).