Environmental Chemistry
   MS 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 (10 cr) [Plan A] or 7196 [Plan B]

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)
EEB 4601 Limnology (3 cr)
PubH 6190 Environmental Chemistry (3 cr)

TOTAL CREDITS: 42 required (select elective to total 42cr in consultation with advisor)

Proposed Electives:
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 8542 Advanced Organic Environmental Chemistry (3 cr)
CE 8561 Analysis and Modeling of Aquatic Environment (3 cr)
CE 8562 Analysis and Modeling of Aquatic Environment II (3 cr)
EEB 4609 Ecosystem Ecology (3 cr)
EEB 4611 Biogeochemical Processes (3 cr)
Proposed Electives (cont.):
EEB 8620 Advanced Limnology (2 cr)
ESPM 4216 Contaminant Hydrology (2 cr)
ESPM 5601 Principles of Waste Management (3 cr)
PubH 7196 Field Experiences in Environmental and Occupational Health (3-5 cr)
LAAS 5311 Soil Chemistry (3 cr)
WRS 8050 Ecological Risk Assessment (3 cr)

Credits are listed in ( ).