



## REGULATORY TOXICOLOGY AND RISK ASSESSMENT (MPH)

**Faculty:** [Lisa Peterson](#), Ph.D., Silvia Balbo, PhD, Irina Stepanov, Ph.D., William Toscano, Ph.D., Elizabeth Wattenberg, Ph.D,

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### GENERAL CORE COURSES:

(ONLINE OPTIONS AVAILABLE any semester)

**PUBH 6020** Fundamentals of Social and Behavioral Science (2 cr.)

**PUBH 6320** Fundamentals of Epidemiology (3 cr.)

**PUBH 6414** Biostatistics Methods I (3 cr.) plus 1 credit of statistical programming course

**PUBH 6741** Ethics in Public Health Professional Practice and Policy (1 cr.)

**PUBH 6751** Principles of Management in Health Services Organizations (2 cr.)

**PUBH 6250** Foundations of Public Health (2 cr.)

### DIVISION CORE COURSES:

**PubH 6102** Issues in Environmental and Occupational Health (2 cr, fall semester in person preferred)

**PubH 6109** Environmental Health: Science, Politics, and Policy (4 cr, spring semester only)

**PUBH 7194** Integrative Learning Experience (1-5 cr., any term)

**PUBH 7196** Applied Practice Experience in Environmental Health (1-5 cr., any term)

### CONCENTRATION PREREQUISITES

Bachelors degree in the basic sciences, including completion of courses in organic chemistry, biochemistry, cell biology, and physiology. Students who have not completed one or two of prerequisites but who would like to complete this concentration must take the courses during their MPH training.

### CONCENTRATION CORE COURSES [14 cr]

**PubH 6159** Principles of Toxicology I (2 cr fall)

**PubH 8161** Current Literature in Toxicology (1 cr fall)

**PubH 6112** Env. Health Risk Assessment: Application to Human Health Risks from Exposure to Chemicals (2 cr fall)

**PubH 6162** Application of Biomarkers in Public Health Research (2 cr fall)

**PubH 8160** Advanced Toxicology (2 cr fall)

**PubH 6160** Principles of Toxicology II (3 cr spring)

**PubH 6161** Regulatory Toxicology (2 cr spring)

### RECOMMENDED ELECTIVES:

**PHCL 5111** Pharmacogenomics (3 cr spring)

**BIOC 5361** Microbial Genomics and Bioinformatics (3 cr fall)

**PubH 6074:** Mass Communication and Public Health (3 cr fall)

**TOTAL CREDITS:** Minimum of 42 credits including electives chosen in consultation with advisor.

#### CONTACT INFORMATION

Program Coordinator

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