



Injury and Violence Epidemiology and Prevention (MPH)

Faculty:

Bruce Alexander, PhD, Timothy Church, PhD, MS, Susan Gerberich, PhD, MS, Hyun Kim, ScD, George Maldonado, PhD, MS, Marizen Ramirez, PhD, MS, Andrew Ryan, MS

General Requirements: *(online options available)* (any term)

PubH 6250	Foundations of Public Health	2 cr.
PubH 6020	Fundamentals of Social and Behavioral Science	2 cr.
PubH 6341	Epidemiologic Methods I	3 cr.
PubH 6450	Biostatistics I	4 cr.
PubH 6741	Ethics in Public Health Professional Practice and Policy	1 cr.
PubH 6751	Principles of Management in Health Services Organizations	2 cr.

Division Core Courses:

PubH 6102	Issues in Environmental Health	2 cr (fall)
PubH 6109	Society, Politics and Policy	4 cr (spring)
PubH 7194	Integrative Learning Experience (ILE)	1-5 cr (any term)
PubH 7196	Applied Practicum Experience (APEX)	1-5 cr (any term)

Concentration Course Requirements:

PubH 6120	Injury Prevention in the Workplace, Community and Home	2 cr (spring)
PubH 6123	Violence Prevention and Control: Theory, Research & Application	2 cr (spring)
PubH 6342	Epidemiologic Methods II	3 cr (spring)
PubH 8120	Occupational Injury Prevention Research Training Program Research Seminar	2 cr min (1 cr each term)

TOTAL CREDITS: 42-46 (includes 8 credits of electives)

Recommended Electives:

General Courses

PubH 6140	Environmental and Occupational Epidemiology	(2 cr)
PubH 6121	Topics: Injury Prevention in the Workplace, Community & Home	(1-2 cr)
PubH 6122	Seminar: Safety in the Workplace	(1 cr)
PubH 6173	Exposure to Physical Agents	(4 cr)
IE 5511	Human Factors and Work Analysis	(4 cr)
HumF 5001	Foundations of Human Factors/Ergonomics	(3 cr)
IE 5513	Engineering Safety	(4 cr)
Kin 5723	Psychology of Sports Injury	(3 cr)
Psy 5501	Vocational and Occupational Health Psychology	(3 cr)
PubH 6115	Worker Protection Law	(1 cr)
PubH 6130	Occupational Medicine: Principles and Practice	(2-3 cr)
PubH 6852	Program Evaluation in Health and Mental Health Settings	(2 cr)

Updated for 2018

CONTACT INFORMATION

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Kin 5122 Applied Exercise Physiology (3 cr)

Epidemiology, Biostatistics and Research-Related Courses

- PubH 6343 Epidemiologic Methods III
- PubH 8341 Advanced Epidemiologic Methods: Concepts (3 cr)
- PubH 8342 Advanced Epidemiologic Methods: Applications (3 cr)
- PubH 8343 Advanced Epidemiologic Methods: Synthesis and Application of Methods (3 cr)
- PubH 8142 Epidemiologic Uncertainty Analysis (2 cr)
- PubH 6363 Design and Analysis of Group Randomized Trials in Epidemiology (3 cr)
- PubH 6636 Qualitative Research Methods in Public Health Practice (2 cr)
- PubH 6806 Principles of Public Health Research (2 cr)
- PubH 6810 Survey Research Methods (3 cr)
- PubH 6852 Program Evaluation in Health and Mental Health Settings (2 cr)
- PubH 8813 Measurement of Health-Related Social Factors (3 cr)
- PubH 6451 Biostatistics II (4 cr)
- PubH 7401 Fundamentals of Biostatistical Inference (4 cr)
- PubH 7405 Biostatistics: Regression (4 cr)
- PubH 7406 Biostatistics: ANOVA and Design (4 cr)
- PubH 7407 Analysis of Categorical Data (3 cr)
- PubH 7430 Statistical Methods for Correlated Data (3 cr)
- PubH 7435 Latent Variable Measurement Models and Path Analysis (3 cr)
- PubH 7440 Introduction to Bayesian Analysis (3 cr)
- PubH 7450 Survival Analysis (3 cr)
- PubH 7460 Biostatistical Computing II (3 cr)
- PubH 7401 Fundamentals of Biostatistical Inference (4 cr)
- PubH 7402 Biostatistical Modeling and Methods (4 cr)
- PubH 7420 Clinical Trials: Design, Implementation, and Analysis (3 cr)