Occupational and Environmental Health Nursing PhD Specialty Program

Faculty: Pat McGovern, PhD, MPH, RN, and Deb Olson, DNP, MPH, COHN-S

SPH School Requirements (minimum credits – 15):
PubH 6341 Epidemiologic Methods I (3 cr)
PubH 6342 Epidemiology II, Epidemiologic Methods (3 cr)
PubH 6450 Biostatistics I (4 cr)
PubH 6451 Biostatistics II (4 cr)
PubH 6742 Ethics in Public Health Research and Policy (1 cr) This course will meet the research ethics training obligation for students working as Research Assistants.

Division Core Courses (minimum credits – 10):
PubH 6103 Exposure to Environmental Hazards (2 cr) - ½ semester
PubH 6104 Environmental Health Effects: Introduction to Toxicology (2 cr) - ½ semester
PubH 6105 Environmental and Occupational Health Policy (2 cr)
PubH 7196 Field Experience in Environmental Health (4 cr)

Occupational and Environmental Health Nursing Course Requirements (minimum credits – 30):
PubH 6130 Occupational Medicine: Principles and Practice (3 cr)
PubH 6140 Occupational and Environmental Epidemiology (2 cr)
PubH 6150 Interdisciplinary Evaluation of Occupational Health and Safety Field Problems (3 cr)
PubH 6170 Introduction to Occupational Health and Safety (3 cr)
PubH 6325 Data Processing with PC-SAS (1 cr)
PubH 8140 Validity Concepts in Epidemiological Research (2 cr)
PubH 8120 Occupational Health and Safety Research Seminar (1 cr per seminar, Minimum: 4 cr)
NURS 7103 Research Methods (3 cr)
NURS 6930 Foundations of Advanced Public Health Nursing Practice (3 cr)
NURS 8171 Qualitative Research Design and Methods (3-4 cr)
GRAD 8101 Teaching in Higher Education (3 cr)
Grant Writers’ Seminar and Workshops, LLC: Writing Winning Grants (2 days)

Graduate School Requirement (24 credits):
PubH 8888 Thesis Credit: Doctoral Dissertation (24 credits)

Updated for 2014-2015
Non-credit Required Learning Activities:
Community Grand Rounds in Occupational and Environmental Medicine\(^2\)
Midwest Center for Occupational Health & Safety (MCOHS) Seminars\(^3\)

TOTAL CREDITS: 79
79 required credits, including 24 Dissertation Credits, if the student had not previously completed the OEHN MPH degree.

Potential Electives: Fall Semester
PubH 6115 Worker Protection Law (1 cr)
PubH 6131 Working in Global Health (2 cr)
PubH 6863 Understanding Health Care Quality (2 cr)

Potential Electives: Spring Semester
PubH 6055 Social Inequalities in Health (2 cr)
PubH 6120 Injury Prevention (2 cr)

Credits are listed in ( ).

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1 The field experience includes: 1) a one-credit rotation at Region’s Occupational & Environmental Medicine Clinic to be arranged by Professor McGovern in consultation with the student, and 2) an individualized field experience that minimally entails three credits. The three credit experience will be arranged by the student’s academic advisor upon consultation with the student. See http://sph.umn.edu/students/current/fe/ for the School of Public Health information and learning contract for student field experiences.

2 All OEHN students are required to attend a minimum of 5 sessions of Community Grand Rounds in Occupational & Environmental Medicine (OEM), subsequent to completion of PubH 6170 and PubH 6130. The schedule of topics by date will be e-mailed to all students in advance of the session. This seminar is arranged by the OEM Residency Program on a monthly basis—usually the 3rd Wednesday of the month, 7:00-8:00 am at:

HealthPartners St. Paul Clinic
205 S. Wabasha St., St. Paul, MN 55107

3 The division’s multidisciplinary seminar is every Thursday, 4:00-5:00 pm; once a month the topic will focus on occupational health and safety. Students are encouraged to attend all seminars and required to attend 5 of the seminars focused on occupational health and safety each academic year. The division sends email reminders to students each week regarding the seminar topic and speaker.