

## MPH Environmental Health 48-Credit Concentration

| <b>I. Public Health Core: 16 credits</b>            |  | <b>Credits</b> | <b>*Semester</b> |
|---|--|----------------|------------------|
| PHC 6050  | Introduction to Biostatistical Methods (blended)   | 3              | F                |
| PHC 6001  | Principles of Epidemiology (blended)   | 3              | F                |
| PHC 6313  | Environmental Health Concepts in PH  | 3              | F                |
| HSA 6114  | Introduction to US Healthcare Systems (blended)  | 3              | F                |
| PHC 6410  | Psychological, Behavioral, and Social Issues in PH (blended)                                     | 3              | F                |
| PHC 6601  | Seminar in Contemporary Public Health Issues   | 1              | F,S              |
| <b>II. Concentration Core: 13 credits</b>           |  | <b>Credits</b> | <b>*Semester</b> |
| PHC 6937  | Environmental Toxicology<br>(Pre-reqs: working knowledge of bio, physiology & biochem)           | 3              | F                |
| VME 6607  | Human Health Risk Assessment   | 4              | F                |
| PHC 6702  | Exposure Measurement and Assessment<br>(Pre-reqs: calc, stats & some chem, physics and/or bio)   | 3              | S                |
| PHC 6316  | Health, Risk & Crisis Communications in Public Health (online - EH & Online MPH students only)   | 3              | ss               |
| <b>III. Concentration Electives**: 9-11 Credits</b> |  |                |                  |
| <b>A. Infectious Disease Track</b>                  |  | <b>Credits</b> | <b>*Semester</b> |
| PHC 6301  | Aquatic Systems and Environmental Health (blended)   | 3              | S                |
| PHC 6512  | Environmental Management of Vector-Borne Diseases  | 3              | F                |
| PHC 6519  | Zoonotic Diseases in Humans and Animals (online)   | 3              | S                |
| PHC 6312  | Water Quality and Public Health  | 3              | F                |
| PHC 6931  | Seminar in Global Health   | 1              | F                |
| PHC 6764  | Global Public Health and Development 1   | 3              | F                |
| PHC 6445  | Global Public Health and Development 2   | 3              | S                |
| <b>B. Toxicology Track</b>                          |  | <b>Credits</b> | <b>*Semester</b> |
| ENV 5105  | Foundation of Air Pollution  | 3              | S                |
| PHC 6183  | Disaster Preparedness and Emergency Response (online)  | 3              | F                |
| EES 5245  | Water Quality Analysis   | 3              | S                |
| FOS 5205  | Current Issues in Food Safety and Sanitation   | 3              | F                |
| SWS 5551  | Soils, Water and Public Health   | 3              | S, ss            |
| FOS 5732  | Current Issues in Food Regulations   | 3              | S                |
| ANG 5467  | Culture and Nutrition  | 3              | Varies           |
| VME 6603  | Advanced Toxicology (pre-req: VME 6602)  | 3              | Varies           |
| VME 6934  | Ecological Toxicology and Risk Assessment  | 3              | S-Odd            |
| PHA 6425  | Drug Biotransformation and Molecular Mechanisms of Toxicity                                      | 3              | F, S             |
| SYA 7933  | Environmental Justice Seminar  | 3              | F                |
| <b>IV. Public Health Electives: 3 Credits</b>       |  | <b>Credits</b> | <b>*Semester</b> |
| PHC courses   | Public health coursework offered by the other tracks   | 3              | F,S,ss           |
| PHC 6917  | Supervised Research<br>(Requires approval of research supervisor and consent of faculty advisor) | 1-3            | F,S,ss           |
| PHC 6945  | Public Health Practicum<br>(Requires approval of practicum site and consent of faculty advisor)  | 1-3            | F,S,ss           |
| <b>V. Internship: 5-7 credits</b>                   |  | <b>Credits</b> | <b>*Semester</b> |
| PHC 6946  | Public Health Internship   | 5-7            | F,S,ss           |

\*F=Fall; S=Spring; ss=Summer. Class schedules are subject to change.

\*\*Other courses may be substituted or added with the approval of the concentration coordinator.