The Fairbanks School of Public Health offers a rigorous, highly focused 12-credit hour PhD minor in Public Health. The field of public health is growing in national and international importance, is integral to many areas of pursuit, enhances analytic and data-based management skills that are desirable for many doctoral level research projects, offers population-based research perspectives, offers skills that are of interest to the private and public sectors, and formally acknowledges the course work that doctoral students are currently taking as electives through the Fairbanks School of Public Health.

The PhD Minor in Public Health will provide students with concepts and principles of the research, field, theory and practice of public health so that they will be able to:

- Use biostatistical methods to analyze and report public health data.
- Specify approaches to assess, prevent and control environmental and occupational hazards to human health and safety.
- Use epidemiologic methods to collect, study, analyze and report the patterns of disease in human populations for diverse audiences.
- Identify and analyze the components and issues of leadership, including financing and delivery of public health services and systems.
- Apply policy process, development and analysis methods to address current national, state and local public health issues.
- Identify social and behavioral science factors, theories and models and develop, implement and evaluate interventions designed to positively affect health behaviors in populations.
- Collect and disseminate public health data through the use of technology and media.
- Explain how human biology influences health and public health practice.
- Exhibit high standards of personal and organizational integrity, compassion, honesty and respect for all people.
- Use systems methods to analyze the effects of political, social and economic influences on public health systems at the individual, community, state, national and international levels.
- Demonstrate the impact of diversity and culture on public health across discipline areas.
- Demonstrate an understanding of the basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of public health data.

The PhD minor in Public Health offers the opportunity to draw together students from all health related graduate programs, including doctoral students in the Schools of Nursing, Dentistry, Medicine, Health, Physical Education and Recreation, Health and Rehabilitative Sciences, and Public and Environmental Affairs.

**Required Courses for the 12-hour Minor in Public Health:**

- PBHL S500: Social and Behavioral Science in Public Health 3.0 cr. Fall/Spring
- PBHL H501: US Health Care Systems and Health Policy 3.0 cr. Fall/ Spring
- PBHL E517: Fundamentals of Epidemiology 3.0 cr. Fall/ Spring
- PBHL A519: Environmental Science in Public Health 3.0 cr. Fall/ Spring
Other courses may be taken if approved by the student’s minor advisor. Students who have already completed any of the required courses as part of their MPH or PhD requirements cannot apply these courses toward their minor in Public Health.

Satisfactory completion of the requirements for the minor in Public Health will be monitored by the student’s minor advisor. Doctoral students must notify the Fairbanks School of Public Health before beginning their course of study for the minor.

For the list of course descriptions, visit Course Descriptions.

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