Welcome to the SPH Executive and Dual Degree Programs in Public Health Practice (PHP)

Online Orientation

Craig Hedberg, PhD
Interim Director of the Dual & EPPHP PHP programs & Chair of PHP
hedbe005@umn.edu

Kate Hanson, MS
PHP Coordinator
hanso041@umn.edu
612 626 7953
Public Health Practice Major

MPHs:
• Executive Program in Public Health Practice
• Public Health Medicine
• Veterinary Public Health
• Dual degrees with DDS, DNP, Law, MPP, MURP & PharmD

Certifications:
• Core Concepts
• Food Protection
• Preparedness, Response and Recovery
Public Health Practice (PHP) Major designed for students who are practicing and want to bring together the art and science of public health. There are approx. 250 students in PHP.

There are over 50 students in EPPHP and over 180 students in dual degrees:
- Nurse Practitioners
- Physicians
- Physician Assistants
- PharmDs
- Dentists
- Veterinarians
- Certificate in Public Health Core Concepts
- Graduate degrees: MS, PhD, MBA
- DDS, DNP, Law, MPP, MURP & PharmD students
Important Policies:

- You are required to achieve no less than a B- grade in each core course. If needed, you may retake public health core courses once. However, a retaken course may be counted only once toward degree requirements in your study plan.

- You must achieve a grade point average of no less than 3.0 (B) across your entire program to receive an MPH degree.
Curriculum

Section 1 - Core Courses (16 credits):
• PubH 6250 Foundations of Public Health (2 cr) *
• PubH 6020 Fundamentals of Social and Behavioral Science (2 cr)**
• PubH 6102 Issues in Environmental and Occupational Health (2 cr)**
• PubH 6320 Fundamentals of Epidemiology (3 cr)**
• PubH 6414 Biostatistical Literacy (3 cr) & a 1 cr programming course **
  OR
• PubH 6450 Biostatistical Methods (3 cr)
• PubH 6741 Ethics in Public Health: Professional Practice and Policy (1 cr)**
• PubH 6751 Principles of Management in Health Services Org (2 cr)**

* offered online
** offered online & inclass
Dual Degrees

- Each Dual Degree program is uniquely designed, including the curriculum.
- Often the Integrated Learning & Applied Practice Experiences and electives may double count and satisfy both curriculum requirements.
- Students may transfer up to 14 credits from the other program with approval.
MPH Integrated Learning Experience (ILE)

Section 2 - PubH 7294 Integrated Learning Experience (ILE)
(1-4 cr)
A well-written document demonstrating students’ proficiency with written communication and it must address at least three competencies; the competencies can be a combination of foundational or program-specific.

The ILE topic is pre-approved by your advisor and a presentation is not required. It must be evaluated by at least one faculty member.
Applied Practice Experience

Section 3 - PubH 7296 Applied Practice Experience (1-4 credits)

Students learn first hand about an organization, operations and special activities of selected agencies, institutions and industries concerned about public health.

Effective fall 2018, students will be required to produce two products as part of their field experience, demonstrating that they have addressed at least five competencies, 3 must be foundational competencies.
Applied Practice Experience - how to make it happen

Before you go on an applied practice experience, complete an APE learning agreement, on-line.

1. You will fill out the demographic information, your goals and objectives of the experience. Identify the competencies and the products you intend to produce. Then, the contract will automatically be emailed to your preceptor and advisor to review. They will electronically sign off on it.

2. After the APE is completed, you will submit the two products and your advisor will review and approve.

To access the online field experience contract, go to this page: www.ahc.umn.edu/sphfieldexp/index.cfm and click the link that says “login in for official forms and documents”. You will then have to enter your UMN ID and password to access the site.

Register for the applied practice experience credits for the term that you will be doing the applied practice experience.

If you are planning on an international field experience, be sure to complete the on-line contract early and complete the "Release and Wavier" form and health insurance form (approx. $30.00/mth). Those forms are available on-line when you complete the contract.
Electives

Section 4 - Elective courses

Elective credits provide you with the freedom to investigate one or more public health topics and fulfill any outstanding Public Health Practice competencies.

Another option is complete a graduate minor

Elective courses are offered at Public Health Institute and during the academic year.
The Public Health Institute is offered during the three week May session (May 20 – June 7, 2019). Course content emphasizes theory to practice with opportunities for field trips, case studies, hands-on labs and simulations.

A typical course is offered for one week, in the AM or PM allowing you to take 2 courses/week, earning 2 credits. Come for 1 week or all 3 weeks, depending on your availability.
Sample titles of PHI courses

- Globalization and Health
- Public Health Law
- Data Driven Decision Making
- War and Public Health
- Introduction to R
- Born a Girl
- PubH Surveillance
- Risk Communication
Public Health Practice Program-Specific Competencies

- Competency 1 - Identify the rational and key steps for policy development: assessment, planning, implementing, advocacy and evaluation.

- Competency 2 – Develop skills in systemic thinking and understand how systems are connected and interdependent, and understand the potential consequences that systems may have on communities

- Competency 3 - Explain the effects of policies, programs, community-based interventions that promote improving health for different populations in communities

- Competency 4 – Demonstrate how to turn data into information and action to influence public health policies and programs.

- Competency 5 – Demonstrate how data and information is developed and conveyed to different audiences (professionals and the public) using a variety of media approaches.
**MPH Foundation Competencies**  
(ESTABLISHED AND REQUIRED FROM THE COUNCIL ON EDUCATION FOR PUBLIC HEALTH (CEPH))

**Evidence-based Approaches to Public Health**  
1. Apply epidemiological methods to the breadth of settings and situations in public health practice  
2. Select quantitative and qualitative data collection methods appropriate for a given public health context  
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate  
4. Interpret results of data analysis for public health research, policy or practice

**Public Health & Health Care Systems**  
5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings  
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels

**Planning & Management to Promote Health**  
7. Assess population needs, assets and capacities that affect communities’ health  
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs  
9. Design a population-based policy, program, project or intervention  
10. Explain basic principles and tools of budget and resource management  
11. Select methods to evaluate public health programs

**Policy in Public Health**  
12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence  
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes  
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations  
15. Evaluate policies for their impact on public health and health equity

**Leadership**  
16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making  
17. Apply negotiation and mediation skills to address organizational or community challenges

**Communication**  
18. Select communication strategies for different audiences and sectors  
19. Communicate audience-appropriate public health content, both in writing and through oral presentation  
20. Describe the importance of cultural competence in communicating public health content

**Interprofessional Practice**  
21. Perform effectively on interprofessional teams

**Systems Thinking**  
22. Apply systems thinking tools to a public health issue
Helpful websites

- Library – There is a reference librarian who focuses on public health research has an online tutorial to help you become familiar with the library resources. Go to http://www.lib.umn.edu/indexes/moreinfo?id=16614
- Boynton – Health insurance and Immunizations
- Onestop – how to guides, registration, billing, deadlines, calendars, etc.
- SPH current student resources
- SPH syllabi
Action items:

1. Tell us you are coming.
2. Initiate your email account.
3. Take care of your **health insurance** cover when you register.
4. Complete all required **immunizations** by next term.
5. Read the guidebook
6. **Register** for courses.

Contact Kate Hanson with any questions.

hanso041@umn.edu
612 626 7953
FAQs

- How long does the program take?
  On an average students take 3.5 years to complete the degree.

- How often do I need to be on campus?
  Students can expect to attend at least two three week Public Health Institutes offered during the May Session for elective courses. The rest of the curriculum is available online.

- Which electives must I take?
  You may choose your elective courses based on your interest and career goals. The only requirement is that you complete one course in each program-specific competency. This is easily accomplished at the PHI, APEx and ILE. Each summer the PHI courses are listed by the PHP competencies for your convenience and the list is available from Kate Hanson at hanso041@umn.edu.
FAQs cont.

- **Who can help me with identifying a applied practice experience?**
  Your academic advisor and check out applied practice experience resources.

- **Who will explore the integrated learning experience options with me?**
  Your academic advisor.

- **Who can help me with registration and enrollment questions? How to manage the “system”?**
  Kate Hanson, PHP Coordinator

- **What is it like to take on-line courses?**
  There is a tutorial for Moodle, available at https://ay15.moodle.umn.edu/my/.
Students advise:

- “Network and preserve”
- “Branch out to take courses that are outside your field”
- “The program incorporates a combination of online and in class courses ensuring core competency coverage while allowing for a selection of electives in a variety of public health fields.”
- “Talk to fellow students to get tops on scheduling, what classes to take and when, etc. Don’t procrastinate too much on field experience and making a decision on the MPH project/CPH exam.”
- “Stick with it, have fun and enjoy the learning process!”