

**University of Washington School of Public Health**  
**Course Waiver Student Checklist**  
**for Courses Covering CEPH Competencies**  
**MS—Environmental Health Sciences**

**STUDENTS ARE REQUIRED to ensure that all competencies noted below are accounted for to waive an applicable course.** If even one from the list below cannot be shown to have been included in prior course work, then a waiver cannot be granted for that course, and the required course must be completed.

**All MS students are required** to ensure that both the 12 Foundational Public Health Knowledge Competencies and the three unique degree Competencies ([CEPH 2024 Criteria](#)) are accounted for to waive any applicable course.

**CEPH Foundational Public Health Knowledge Competencies**

<input type="checkbox"/>	D1-1	ENV H 501	Explain public health history, philosophy, and values.
<input type="checkbox"/>	D1-2	ENV H 501	Identify the core functions of public health and the 10 essential services.
<input type="checkbox"/>	D1-3a	BIOST 511 and ENV H 502	Explain the role of quantitative methods and sciences in describing and assessing a population's health.
<input type="checkbox"/>	D1-3b	ENV H 502	Explain the role of qualitative methods and sciences in describing and assessing a population's health.
<input type="checkbox"/>	D1-4	ENV H 501	List major causes and trends of morbidity and mortality in the US or other community relevant to school or program.
<input type="checkbox"/>	D1-5	ENV H 501	Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.
<input type="checkbox"/>	D1-6	ENV H 503	Explain the critical importance of evidence in advancing public health knowledge.
<input type="checkbox"/>	D1-7	ENV H 503	Explain the effects of environmental factors on a population's health.
<input type="checkbox"/>	D1-8	ENV H 503	Explain biological and genetic factors that affect a population's health.
<input type="checkbox"/>	D1-9	ENV H 502	Explain behavioral and psychological factors that affect a population's health.
<input type="checkbox"/>	D1-10	ENV H 501	Explain the social, political, and economic determinants of health and how they contribute to population health and health inequities.
<input type="checkbox"/>	D1-11	ENV H 501	Explain how globalization affects global burden of disease.
<input type="checkbox"/>	D1-12	ENV H 501	Explain an ecological perspective on the connections among human health, animal health, and ecosystem health (e.g., One Health).

## Environmental Health Sciences MS Degree Competencies

- ENV H 501 and ENV H 503 Apply the major components of the environmental and occupational health framework (problem formulation, hazard identification, dose-response assessment, exposure assessment, risk characterization, risk communication, risk management, evaluation, stakeholder engagement, and research) in order to address the environmental public health problems experienced in the community or work environment.
  - ENV H 502 Use epidemiological and statistical techniques to describe and analyze environmental and occupational health data.
  - ENV H 583 [Thesis students only] Formulate hypotheses and design experiments to test such hypothesis aimed at advancing knowledge in environment and health sciences.
  - ENV H 598 [Applied Project students only] Identify a current, practical problem in environmental health sciences and collect, integrate, and analyze relevant information to produce practical solutions.
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