

# University of Washington School of Public Health

## Course Waiver Student Checklist for Courses Covering CEPH Competencies PhD—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 PhD 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 PhD Degree Competencies

- |                          |           |  |
|--------------------------|-----------|--|
| <input type="checkbox"/> | ENV H 800 | Conceive, develop, conduct, and document original research that advances knowledge in the field of environmental health sciences   |
| <input type="checkbox"/> | ENV H 504 | Design experiments utilizing the principles and practical aspects of good experimental design to ensure rigor, statistical power, robustness, and reproducibility, as well as control for bias |
| <input type="checkbox"/> | ENV H 504 | Translate environmental health research into practice and implement evidence-based interventions   |