University of Washington School of Public Health
Course Waiver Student Checklist
for Courses Covering CEPH Competencies
PhD—Biostatistics

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

☐	D1-1	BIOST 504 or PHI 500	Explain public health history, philosophy, and values.
☐	D1-2	BIOST 504 or PHI 500	Identify the core functions of public health and the 10 essential services.
☐	D1-3a	BIOST 504 or PHI 500	Explain the role of quantitative methods and sciences in describing and assessing a population's health.
☐	D1-3b	BIOST 504 or PHI 500	Explain the role of qualitative methods and sciences in describing and assessing a population's health.
☐	D1-4	BIOST 504 or PHI 500	List major causes and trends of morbidity and mortality in the US or other community relevant to school or program.
☐	D1-5	BIOST 504 or PHI 500	Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.
☐	D1-6	BIOST 504 or PHI 500	Explain the critical importance of evidence in advancing public health knowledge.
☐	D1-7	BIOST 504 or PHI 500	Explain the effects of environmental factors on a population's health.
☐	D1-8	BIOST 504 or PHI 500	Explain biological and genetic factors that affect a population's health.
☐	D1-9	BIOST 504 or PHI 500	Explain behavioral and psychological factors that affect a population's health.
☐	D1-10	BIOST 504 or PHI 500	Explain the social, political, and economic determinants of health and how they contribute to population health and health inequities.
☐	D1-11	BIOST 504 or PHI 500	Explain how globalization affects global burden of disease.
☐	D1-12	BIOST 504 or PHI 500	Explain an ecological perspective on the connections among human health, animal health, and ecosystem health (e.g., One Health).

Biostatistics PhD Degree Competencies

☐	BIOST 571	Recommend and defend appropriate choices of methods to analyze longitudinal, clustered, and other non-independent outcome data.
☐	BIOST 800	Evaluate an area of biostatistical methodology, and propose and develop new methodology in that area.
☐	BIOST 572	Explain both orally and in writing how advanced statistical methods work, assessing their strengths and limitations and in the place of particular methods in the larger statistical literature.