

**University of Washington School of Public Health**  
**Course Waiver Student Checklist**  
**for Courses Covering CEPH Competencies**  
**MS—Biostatistics: Capstone**

**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	BIOST 504	Explain public health history, philosophy, and values.
<input type="checkbox"/>	D1-2	BIOST 504	Identify the core functions of public health and the 10 essential services.
<input type="checkbox"/>	D1-3a	BIOST 504	Explain the role of quantitative methods and sciences in describing and assessing a population's health.
<input type="checkbox"/>	D1-3b	BIOST 504	Explain the role of qualitative methods and sciences in describing and assessing a population's health.
<input type="checkbox"/>	D1-4	BIOST 504	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	BIOST 504	Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.
<input type="checkbox"/>	D1-6	BIOST 504	Explain the critical importance of evidence in advancing public health knowledge.
<input type="checkbox"/>	D1-7	BIOST 504	Explain the effects of environmental factors on a population's health.
<input type="checkbox"/>	D1-8	BIOST 504	Explain biological and genetic factors that affect a population's health.
<input type="checkbox"/>	D1-9	BIOST 504	Explain behavioral and psychological factors that affect a population's health.
<input type="checkbox"/>	D1-10	BIOST 504	Explain the social, political, and economic determinants of health and how they contribute to population health and health inequities.
<input type="checkbox"/>	D1-11	BIOST 504	Explain how globalization affects global burden of disease.
<input type="checkbox"/>	D1-12	BIOST 504	Explain an ecological perspective on the connections among human health, animal health, and ecosystem health (e.g., One Health).

### **Biostatistics MS: Capstone Degree Competencies**

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|--------------------------|-----------|---|
| <input type="checkbox"/> | BIOST 596 | Develop a Statistical Analysis Plan to address a research problem presented by a project sponsor.       |
| <input type="checkbox"/> | BIOST 596 | Develop a Project Management Plan for an applied statistics research project.                           |
| <input type="checkbox"/> | BIOST 597 | Collaborate effectively as a member of a team of applied statisticians in solving a real-world problem. |