

POPULATION HEALTH: EPIDEMIOLOGY, PHD

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS MODE OF INSTRUCTION

Face to Face	Evening/ Weekend	Online	Hybrid	Accelerated
Yes	No	No	Yes	No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

Evening/Weekend: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

Face-to-Face: Courses typically meet during weekdays on the UW–Madison Campus.

Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.

Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

Requirement Detail	
Minimum Credit Requirement	51 credits
Minimum Residence Credit Requirement	39 credits
Minimum Graduate Coursework Requirement	51 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).

Overall Graduate GPA Requirement	Students must maintain a cumulative GPA of at least 3.25 in all graduate work (including transfer credits) unless conditions for probationary status require higher grades. Students must also maintain a cumulative GPA of 3.25 or better in all coursework completed while enrolled in this graduate program. No grade of BC or lower in required courses will be accepted for the degree.
Other Grade Requirements	PhD candidates should maintain a 3.5 GPA in all core curriculum courses and may not have any more than two Incompletes on their academic record at any one time. Students may maintain no more than 6 credits of Incomplete (I) grades during any semester.
Assessments and Examinations	Full-time students have up until the end of their third year to pass the qualifying exam and their first sitting must occur no later than the end of their second year. Part-time students are expected to pass the exam before the end of their fourth year (regardless of whether the student is continuously enrolled) and their first sitting must occur no later than the end of their third year.
Language Requirements	No language requirements.
Graduate School Breadth Requirement	All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: https://policy.wisc.edu/library/UW-1200 (https://policy.wisc.edu/library/UW-1200/).

REQUIRED COURSES

Code	Title	Credits
POP HLTH/B M I 451	Introduction to SAS Programming for Population Health	2
POP HLTH/B M I 551	Introduction to Biostatistics for Population Health	3
POP HLTH/B M I 552	Regression Methods for Population Health	3
POP HLTH/B M I 651	Advanced Regression Methods for Population Health	3
POP HLTH/B M I 652	Topics in Biostatistics for Epidemiology	3
POP HLTH 752	Principles of Population Health: Determinants of Health and Health Disparities	2
POP HLTH 753	Principles of Population Health: Population Health and Healthcare Systems	2
POP HLTH 796	Introduction to Health Services Research	3
POP HLTH/SOC 797	Introduction to Epidemiology	3
POP HLTH 798	Epidemiologic Methods	3
POP HLTH 805	Advanced Epidemiology: Causal Inference in Epidemiological Studies	3
POP HLTH 806	Advanced Epidemiology: Practice of Epidemiology	
POP HLTH 820	Graduate Research Seminar ¹	2
	Select a minimum of 1 credit of course work in "the responsible conduct of research"	1
	Complete 6 credits of approved epidemiology electives (see the list below).	6

Breadth	9
Research²	3
POP HLTH 699 Independent Reading	
POP HLTH 990 Research	
Total Credits	51

¹ PhD students must take POP HLTH 820 Graduate Research Seminar twice.

² Students must take at least 3 credits of research or independent study to reach the program minimum requirement, but are allowed to enroll in more. Students may count up to 11 credits of POP HLTH 990 Research and 6 credits of POP HLTH 699 Independent Reading toward program requirements.

POP HLTH 805	Advanced Epidemiology: Causal Inference in Epidemiological Studies	3
POP HLTH 806	Advanced Epidemiology: Practice of Epidemiology	3
POP HLTH/ OBS&GYN 807	Reproductive and Perinatal Epidemiology	2
POP HLTH 810	Global Health Epidemiology	2
POP HLTH 847	Cardiovascular Epidemiology	1
POP HLTH/AN SCI/ GENETICS 849	Genetic Epidemiology	3
POP HLTH 904	Special Topics in Epidemiology	1-3
POP HLTH/ KINES 955	Seminar - Physical Activity Epidemiology	1

Responsible Conduct of Research Courses

Code	Title	Credits
B M I 738	Ethics for Data Scientists	1
MED HIST 545	Ethical and Regulatory Issues in Clinical Investigation (Offered in Fall. Med Hist 545 does not fulfill all the NIH requirements for training in the responsible conduct of research for certain T and F awards.)	1
NURSING 802	Ethics and the Responsible Conduct of Research (Offered in Spring)	1
SURG SCI 812	Research Ethics and Career Development	2
OBS&GYN 955	Responsible Conduct of Research for Biomedical Graduate Students (Offered in Fall)	2
OBS&GYN 956	Advanced Responsible Conduct of Research for Biomedical Students (Offered in Spring)	1

Other courses may be substituted as approved by the advisor and the director of graduate studies.

Epidemiology Electives

Code	Title	Credits
POP HLTH/ NUTR SCI 621	Introduction to Nutritional Epidemiology	1
POP HLTH/ GENETICS/ MD GENET 636	Public Health Genomics	1
POP HLTH 650	Special Topics (Topic: Environmental Health Epidemiology; Topic: Connections- Epidemiology Past, Present, and Future)	1-6
POP HLTH 713	Epidemiology of HIV/AIDS	1
POP HLTH 750	Cancer Epidemiology	3
POP HLTH 784	Public Health Surveillance and Analytics	3
POP HLTH/ M&ENVTOX 789	Principles of Environmental Health: A Systems Thinking Approach	3
POP HLTH/ KINES 791	Physical Activity Epidemiology	3
POP HLTH 801	Epidemiology of Infectious Diseases	3