

# POPULATION HEALTH: POPULATION HEALTH, M.S.

## 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	33 credits
Minimum Residence Credit Requirement	21 credits
Minimum Graduate Coursework Requirement	100% of all credits must be in graduate-level coursework. Details can be found in the Graduate School's Minimum Graduate Coursework (50%) policy ( <a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> ( <a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a> )).
Overall Graduate	Students must maintain a cumulative GPA of at least 3.25 in all graduate work (including transfer credits) unless

**GPA Requirement** 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 the graduate program. No grade of BC or lower in required courses will be accepted for the degree.

**Other Grade Requirements** Students may maintain no more than 6 credits of Incomplete (I) grades during any semester.

**Assessments and Examinations** No formal examination required.

**Language Requirements** No language requirements.

### 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 795	Principles of Population Health Sciences	3
POP HLTH/SOC 797	Introduction to Epidemiology	3
POP HLTH 820	Graduate Research Seminar	1
	Select two additional methods courses from the list below. Students must complete 6 credits of methods courses. Students can take either POP HLTH 796 or POP HLTH 798 and a course from the list below. Students are also allowed to take both POP HLTH 796 and POP HLTH 798 to complete this requirement.	6
	Select a minimum of 1 credit of courses in "the responsible conduct of research"	1
	<b>Electives</b> <sup>1</sup>	<b>11</b>
POP HLTH 699	Independent Reading	
POP HLTH 990	Research	
	Other courses in consultation with advisor.	
<b>Total Credits</b>		<b>33</b>

1

Students may count up to 5 credits of POP HLTH 990 Research toward the electives requirement, though they may enroll in more than 5. In addition, students may count up to 3 credits of POP HLTH 699 Independent Reading toward the electives requirement, though they may enroll in more than 3.

#### Methods Core Courses

Code	Title	Credits
POP HLTH/B M I 651	Advanced Regression Methods for Population Health	3
POP HLTH/ I SY E 703	Quality of Health Care: Evaluation and Assurance	3
POP HLTH 709	Translational and Outcomes Research in Health and Health Care	3
POP HLTH 796	Introduction to Health Services Research	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	3
POP HLTH/ ISY E 875	Cost Effectiveness Analysis in Health and Healthcare	3
POP HLTH 876	Measuring Health Outcomes	3
POP HLTH/ AAE/ENVIR ST/ PUB AFFR 881	Benefit-Cost Analysis	3

### Responsible Conduct of Research courses

Code	Title	Credits
BMI 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 director of grad studies