

EPIDEMIOLOGY, 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.

MAJOR 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 are able to complete a program with minimal disruptions to careers and other commitments.

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

Requirements Detail

Minimum Credit Requirement 33 credits

Minimum Residence Credit Requirement 21 credits

Minimum Graduate Coursework Requirement 100% of all coursework taken as a graduate student in any of the four degrees the program offers must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide (<https://registrar.wisc.edu/course-guide> (<https://registrar.wisc.edu/course-guide/>)).

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 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/SOC 797 | Introduction to Epidemiology | 3 |
| POP HLTH 798 | Epidemiologic Methods | 3 |
| POP HLTH 805 | Advanced Epidemiology: Causal Inference in Epidemiological Studies | 3 |
| or POP HLTH 806 | Advanced Epidemiology: Practice of Epidemiology | |
| POP HLTH 820 | Graduate Research Seminar | 1 |
| Students may use up to 5 credits of POP HLTH 990 Research toward the M.S. requirements in consultation with their advisor. | | 0-5 |

Responsible Conduct of Research

| | | |
|--|---|---|
| Select a minimum of 1 credit of course work in "the responsible conduct of research" | | 1 |
| B M I 826 | Special Topics in Biostatistics and Biomedical Informatics (Ethical Conduct of Research for Data Scientists) | |
| 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.) | |
| NURSING 802 | Ethics and the Responsible Conduct of Research (Offered in Spring) | |
| SURG SCI 812 | Research Ethics and Career Development | |
| OBS&GYN 955 | Responsible Conduct of Research for Biomedical Graduate Students (Offered in Fall) | |
| OBS&GYN 956 | Advanced Responsible Conduct of Research for Biomedical Students (Offered in Spring) | |

Other courses may be substituted as approved by the advisor and the Director of Graduate Studies.

Epidemiology Specialization

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|-----------------------|---|---|
| STAT/B M I 542 | Introduction to Clinical Trials I | |
| M M & I/ POP HLTH 603 | Clinical and Public Health Microbiology | 9 |

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| POP HLTH/ NUTR SCI 621 | Introduction to Nutritional Epidemiology |
| POP HLTH/ GENETICS/ MD GENET 636 | Public Health Genomics |
| POP HLTH 650 | Special Topics (Special Topics in Environmental Health Epidemiology or Connections: Epidemiology Past, Present, and Future) |
| POP HLTH 713 | Epidemiology of HIV/AIDS |
| POP HLTH 750 | Cancer Epidemiology |
| SOC 751 | Survey Methods for Social Research |
| SOC 752 | Measurement and Questionnaires for Survey Research |
| POP HLTH/ M&ENVTOX 789 | Principles of Environmental Health: A Systems Thinking Approach |
| POP HLTH/ KINES 791 | Physical Activity Epidemiology |
| POP HLTH 801 | Epidemiology of Infectious Diseases |
| POP HLTH 805 | Advanced Epidemiology: Causal Inference in Epidemiological Studies |
| POP HLTH 806 | Advanced Epidemiology: Practice of Epidemiology |
| POP HLTH/ OBS&GYN 807 | Reproductive and Perinatal Epidemiology |
| POP HLTH 810 | Global Health Epidemiology |
| POP HLTH 847 | Cardiovascular Epidemiology |
| POP HLTH/ AN SCI/ GENETICS 849 | Genetic Epidemiology |
| POP HLTH/ KINES 955 | Seminar - Physical Activity Epidemiology |
| Total Credits | 33 |