

MS in Epidemiology

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** A major in the biological, physical, or social sciences is preferred.
- **Grade Point Average** At least 3.00/4.00.
- **Tests Required** GRE General. For GRE General Tests, the combined verbal and quantitative scores must be at least 300.
- **Minimum English Competency Test Score**
 - **TOEFL iBT** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21, **OR**,
 - **IELTS Academic** 6.5, with 6.0 in each of the four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required.
- **Personal Statement** Required; the statement should address the applicant's intended research, career goals, and reason for pursuing the MS degree in the chosen area.
- **Other Requirements** Applicants may submit their master's thesis as evidence of their ability to plan and complete significant health-related research.

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required:** 50
- **Coursework:** At least 32 semester hours must be in courses other than IPHS 598 and at least 9 semester hours must be at the 500 level. No more than 4 hours of IPHS 596 may be applied to the degree.

School-Wide Requirements

Code	Title	Hours
School of Public Health Core Requirements		
BSTT 400	Biostatistics I	
EPID 403	Introduction to Epidemiology: Principles and Methods	
IPHS 520	Foundations of Public Health	
Required Non-Credit Training		
	Human Subjects Training	
	Title IX Training	
	SPH Academic Integrity Tutorial	

Divisional Requirements

In addition to the Graduate College minimum requirements and the School of Public Health core requirements, students must complete the following divisional requirements to reach 50 semester hours.

Code	Title	Hours
Epidemiology Divisional Core Requirements		
BSTT 401	Biostatistics II	

BSTT 505	Logistic Regression and Survival Analysis
or BSTT 506	Design of Clinical Trials
or BSTT 507	Sampling and Estimation Methods Applied to Public Health

EPID 404	Intermediate Epidemiologic Methods
EPID 406	Epidemiologic Computing
EPID 591	Current Epidemiologic Literature
EPID 595	Epidemiology Research Seminar

Electives

Students may use their electives to pursue a course of study in one of the following optional concentrations; or may customize their program of study by selecting from a broad range of course work to meet their career goals and interests. All students must complete sufficient elective hours to bring their total program of study to a minimum of 50 semester hours.

Optional Concentrations in Epidemiology

MS in Epidemiology, Concentration in Cancer Epidemiology

In addition to the Graduate College minimum requirements, students electing the Cancer Epidemiology concentration must complete the School of Public Health core requirements. Students in the Cancer Epidemiology concentration are NOT required to take the Epidemiology Divisional Core requirements.

Code	Title	Hours
Cancer Epidemiology Concentration Requirements		
BSTT 505	Logistic Regression and Survival Analysis	
EPID 515	Cancer Epidemiology	
Select two of the following:		
HN 594	Special Topics in Human Nutrition	
EPID 516	Advanced Cancer Epidemiology	
EPID 520	Genetics in Epidemiology	
EPID 554	Occupational and Environmental Epidemiology	
EPID 594	Advanced Special Topics in Epidemiology (Social Epidemiology)	
EPID 594	Advanced Special Topics in Epidemiology (Surveillance Epidemiology)	

MS in Epidemiology, Concentration in Occupational and Environmental Epidemiology

In addition to the Graduate College minimum requirements, MS students concentrating in Occupational and Environmental Epidemiology must complete the School of Public Health core requirements, and the Epidemiology Divisional Core Requirements. In addition, students must take the following courses for a total of 55 semester hours for the MS and concentration.

Code	Title	Hours
Occupational and Environmental Epidemiology Concentration Requirements		
BSTT 401	Biostatistics II	
EPID 404	Intermediate Epidemiologic Methods	
EPID 406	Epidemiologic Computing	
EPID 411	Epidemiology of Chronic Diseases	
EOHS 421	Occupational Health and Safety Practice	
EOHS 495	Environmental/Occupational Health Seminar	
EPID 500	Applied Methods for the Analysis of Epidemiologic Data	
EOHS 501	Exposure Assessment Strategies	
EOHS 502	Environment, Toxicology, and Disease	
EPID/EOHS 530	Current Topics in Occupational and Environmental Epidemiology	
EPID/EOHS 536	Applied Methods in Environmental Epidemiology	
IPHS 598	Research in Public Health Sciences - M.S.	

Other Requirements

- **Comprehensive Examination:** None
- **Thesis, Project, or Coursework-Only Options:** Students are required to complete 8 master's thesis hours.