

Epidemiology, MS

In the Master of Science in Epidemiology program (<https://epidemiology.georgetown.edu/>), students develop an understanding of the principles of social justice and health equity and learn to recognize the biological, social, and economic determinants of health disparities nationally and globally through scientifically grounded training in theory, policy, and research in epidemiology. Additionally, students study and apply epidemiological methods to the investigation of health disparities and understand the role of community-based and community-engaged research in the amelioration of health disparities.

- Modality: On Campus
- Academic Policies and Procedures: BGE Handbook (https://docs.google.com/document/d/1rkaOm8U_1eVwabvkl_HFvpfSWrMGnrc6Ex41erxP7g/edit?usp=sharing)
- Contact the Program (<https://epidemiology.georgetown.edu/admissions/connect/>)

This program is offered through Biomedical Graduate Education (BGE) (<https://biomedicalprograms.georgetown.edu/>) at Georgetown University School of Medicine.

Requirements

Students are required to complete 34 credits of coursework, specifically 23 credits of core courses, with the elective number dependent on the thesis/capstone track.. In their second year, students choose between Thesis option or Capstone option. Electives will make up 11 credit hours of coursework for those on the thesis track, and 8 credits of coursework for those on the capstone track.

Code	Title	Credits
Core Courses		
EPID 5001	Epidemiology I: Prinof Epidemi	3
EPID 5003	BioStats I: Intro to Biostatistics	3
EPID 5007	Intro Social&BehavHlth&Disp Re	3
EPID 5010	Res Ethics & Prof Devlp Sem	1
EPID 5002	Epidemiology II	3
EPID 5005	Biostatistics II	3
EPID 5006	Computer Software Lab II	1
EPID 5008	Intro to Cancer Epidemiology	1.5
EPID 5009	Intro to Infectious Dis EPID	1.5
EPID 5011	Research Ethics & Development	1
Thesis or Capstone Track		13
Thesis Track		
EPID 9999	Thesis Research ¹	
EPID 5012	Research Ethics & Prof Developm	
EPID 9999	Thesis Research ¹	
EPID 5013	Res Ethics & Prof Devlp	
Electives ²		
Capstone Track		
EPID 5012	Research Ethics & Prof Developm	
EPID 5014	EPID Capstone	
EPID 5013	Res Ethics & Prof Devlp	

Electives ³

Total Credits **34**

¹ Students register for EPID 9999 section 03

² Thesis students take 6 credits of electives in Fall 2 and 5 credits of electives in Spring 2.

³ Capstone students take 8 credits of electives in Fall 2.

Elective Courses

Code	Title	Credits
Cancer Epidemiology		
BIST 6540	Experimental Design/Clin Trial	
TBIO 6520	Cancer Prevent/Control/Epidem	
TBIO 6525	Cancer Genetics	
TBIO 6532	Prin/Prac of Behavioral Scienc	
TBIO 6530	Systems Biology & Bioinformati	
TBIO 6568	Minrty Hlth & Hlth Disparities	
TBIO 6581	Top:Molec Epidem of Cancer Ris	
Infectious Disease Epidemiology		
CBTA 6595	Community Resilience	
GLOH 6601		
HESY 5940	Global Health Law Intensive	
BHTA 6524	Emerging&Re-emerging Inf Disea	
MICB 6140	Bacteriology & Mycology	
MICB 6190	Biology/Biochem of Viruses	
GLID 5010	Epidemiology of Infect Disease	
GLID 5020	Evidence for Infect Dis Policy	
BHTA 6525	Homeland Security	
Social and Behavioral Epidemiology		
CCTP 5019	Survey Research Methods	
PPOL 6807	Qualitative Research Methods	
TBIO 6520	Cancer Prevent/Control/Epidem	
TBIO 6532	Prin/Prac of Behavioral Scienc	
TBIO 6568	Minrty Hlth & Hlth Disparities	
BSPA 7800	Globl Infectious Dis:Int Pers	
BHTA 6525	Homeland Security	

Related Programs

- Epidemiology, MPH (<http://coursecatalog.georgetown.edu/programs/epidemiology-mp/>)