

PhD Epidemiology Curriculum
Effective Fall 2021



Course Number	Course Title	Credits	Required or Elective	Semester Offered
PhD Epidemiology Core Courses: 32 credit hours <i>ALL semester course offerings are subject to change</i>				
ENV 7001	Environmental Health Seminar (3 semesters)	3	Required	Fall/Spring
BE 7022	Introduction to Biostatistics	3	Required	Fall/Spring/Summer
BE 7061	Biostatistics in Research	3	Required	Spring
BE 7076	Introduction to Epidemiology	3	Required	Fall/Spring/Summer
BE 7088	Regression Analysis	3	Required	Spring
BE 7089	Experimental Design	3	Required	Fall
BE 8028	Epidemiology Seminar (3 semesters)	3	Required	Fall/Spring
BE 8083	Data Analysis with R and SAS	3	Required	Spring
BE 9073C	Molecular Epidemiology	2	Required	Spring
BE 9075	Design and Management of Field Studies in Epidemiology	3	Required	Spring
TOX 7082	Survey of Toxicology	2	Required	Fall/Spring
GNTD 7003	Ethics in Research	1	Required	Spring
Research Credits: ≥ 8 credit hours (Research Pre-Approval Form & Advisor Meeting Required for Permission to Enroll)				
ENV 8091	General Research	≥ 1	Required	Fall/Spring/Summer
ENV 9091	Dissertation Research	≥ 7	Required	Fall/Spring/Summer
Epidemiology Credits: Select a minimum of 6 credit hours from Course Catalog List (fill-in with advisor)				
			Required	
			Required	
			Required	
Biostatistics Credits: Select a minimum of 4 credits from Course Catalog List (fill-in with advisor)				
			Required	
			Required	
			Required	
Free Electives: Select remaining credits from Course Catalog List (fill-in with advisor)				
			Elective	
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			Elective	
Total Credits Post-Masters: ≥ 10 credit hours Free Electives		60		
Total Credits Post-Bacc: ≥ 40 credit hours Free Electives		90		

Course Number	Course Title	Credits	Required or Elective	Semester Offered
Additional Required Courses for Molecular Epidemiology in Children's Environmental Health Training Program (MECEH)				
BE 7085	Perinatal & Pediatric Epidemiology	2	Required	TBD
BE 8068	Genetics of Complex Disease	2	Required	TBD
Independent Study	Molecular Epidemiology Lab Rotation	Varies	Required (2 semesters)	Fall/Spring
Students are encouraged to gain experience in <i>different labs. (Pre-Doctoral Fellows Only)</i>				

- 3.0 GPA (B average) or higher required for graduation.
- All required courses must be completed with a B- or higher.
- "I" (Incomplete) or "NG" (Not Graded) grades must be removed from academic record prior to applying for graduation.
- Students must take a minimum of one graduate credit that contributes to degree requirements per academic year (fall-summer) to maintain active status.
- The doctoral degree will be granted for no less than the equivalent of three years of full-time graduate study.
- All requirements for the doctoral degree must be completed within nine consecutive academic years of the date of matriculation into the program.
- A doctoral student must be enrolled for at least 10 graduate credits in his/her program in each of two semesters (including summer semester) during a span of three consecutive semesters.
- All questions regarding the student's program of study should be directed to their advisor. Students are expected to meet with their advisor at least once a semester to discuss their academic progress.
- Students in the Division of Epidemiology may find their research interests necessitate training in subject matter outside the Department of Environmental Health. Courses outside the Department can be taken for elective credit, but students must consult with their academic advisor for approval. Some Departments/Divisions where students commonly find relevant electives include, but are not limited to:
 - Genetic Counseling (GC)
 - Geography (GEOG)
 - Graduate Medicine Interdepartmental (GNTD)
 - Mathematics (MATH)
 - Molecular Genetics, Biochemistry & Microbiology (MG)
 - Nursing (NURS)
 - Sociology (SOC)
 - Statistics (STAT)
 - Toxicology (TOX)