

Cardiovascular Epidemiology

This area provides training in research methodology and the epidemiology of cardiovascular diseases. Doctoral students conduct research in a substantive or methodological area related to cardiovascular epidemiology. Research opportunities for students and post-docs include a broad area of topics including the role of diet, genetic, plasma markers, lifestyle characteristics, clinical interventions and environmental predictors of primary and secondary onset of cardiovascular disease. Trainees will have the opportunity to work with several large ongoing cohort, case-crossover, or clinical studies and to interact with other departments within the School of Public Health and Medical school with active cardiovascular research programs.



Courses for minor field

Cardiovascular epidemiology is not typically a minor area for epidemiology majors. Students from other departments may propose any of the above courses to create a minor.

Admission process and assignment of advisors

All applicants are evaluated with the standard admissions process through the admissions office and standing departmental review procedures. Before being accepted applicants are reviewed by at least 2 faculty members affiliated with the cardiovascular epidemiology concentration and by the department chair. Initial academic advisors are assigned at the time a student is offered admission into the program.

Timeline

The timeline for admissions, completion of the Departmental written exam and the school-wide oral exam follow the same requirements as those listed for the Department of Epidemiology and the Harvard School of Public Health. Any exceptions must be approved by the student's advisor and the Chair of the Department.

Required Coursework

EPI223 Cardiovascular Epidemiology

EPI245 Cardiovascular Epidemiology II - Reading the Literature

EPI249 Molecular Biology for Epidemiologists #

Recommended Coursework

EPI240 Use of Biomarkers in Epidemiologic Research #

EPI222 Genetic Epidemiology of Diabetes and its Complications *

ID214 Nutritional Epidemiology

SHH201 Society and Health

ID537 Obesity Epidemiology

BIO227 Fundamental Concepts in Gene Mapping

* Courses with an asterisk are offered every other year

Unless prior medical degree or background in molecular biology

Cardiovascular Epidemiology Track Suggested Schedule		
Fall Semester Courses		
<i>BIO 227</i>	<i>Fundamental Concepts in Gene Mapping</i>	<i>Laird Fall 2009</i>
<i>ID 537</i>	<i>Obesity Epidemiology</i>	<i>Villamor, Hu Fall 2009</i>
EPI 249	Molecular Biology for Epidemiologists * #	DeVivo Fall I
EPI 223	Cardiovascular Epidemiology	Mozaffarian Fall II
Spring Semester Courses		
EPI 245	Cardiovascular Epidemiology II	Mozaffarian Spring
<i>ID 214</i>	<i>Nutritional Epidemiology</i>	<i>Van Dam, Willett Spring</i>
<i>EPI 240</i>	<i>Use of Biomarkers in Epidemiologic Research * #</i>	<i>Hankinson, Tworoger Spring 1 2011</i>
<i>EPI 222</i>	<i>Genetic Epidemiology of Diabetes and its Complications *</i>	<i>Hu, Doria Spring II 2011</i>
Summer Courses		
<i>SHH 201</i>	<i>Society and Health</i>	<i>Kawachi Summer I</i>

- * Courses with an asterisk are offered every other year
- Courses in italic are recommended only
- # Unless prior medical degree or background in molecular biology