

Molecular Epidemiology Track Courses (45 credits)
2008-2009

Molecular Epidemiology Track (45 Credits) - Environmental Health Sciences

Core Courses (all required)

Course Number	Course Name	Points	Semester
P6104	Biostatistics (R)	3	Fall, Spring, Summer
P6300	Environmental Health Sciences (R)	3	Fall, Spring
P6400	Principles of Epidemiology (R)	3	Fall, Summer
P6530	Issues and Approaches in Health Policy and Management (R)	3	Fall, Spring
P6700	Introduction to Sociomedical Sciences (R)	3	Fall

Fall Semester

Course Number	Course name	Points	Semester
P6104	Biostatistics ¹ (R)	3	Fall 1 st Yr
P6300	Environmental Health Sciences (R)	3	Fall 1 st Yr
P6301	EHS Applications (R)	1	Fall 1 st Yr
P6400	Principles of Epidemiology (R)	3	Fall 1 st Yr
P8307	Molecular Epidemiology (R)	3	Fall 1 st Yr
P6385	Molecular Genetics and the Environment (R)	3	Fall 1 st Yr

Spring Semester

Course Number	Course Name	Points	Semester
P6530	Issues and Approaches in Health Policy and Management ² (R)	3	Spring 1 st Yr or Fall 2 nd Yr
P8319	Biological Markers of Chemical Exposure (R)	3	Spring 1 st Yr
P8438	Design and Conduct of Observational Epidemiology (R)	3	Spring 1 st Yr
P9350	Masters Essay I ³ (must follow with Masters Essay II in Spring '08) (R)	1	Spring 1 st Yr
P6386	Genetics and the Environment II (E)	3	Spring 2 nd Yr
P8306	Occupational and Environmental Hygiene (E)	3	Spring 1 st Yr or Spring 2 nd year
P9320	Water and Infectious Diseases (E)	3	Spring 1 st Yr or Spring 2 nd year

¹ EHS students are expected to take the exam to place into P6104, Advanced Biostatistics. Only, if they do not pass, may they register for P6103

² HPM Core can be taken in either the Spring of 1st year or Fall of 2nd year

³ As your final capstone requirement, you must complete either Masters Essay I AND II in your final 2 semesters
OR Topics in your final semester

Summer

No Registration Required	Practicum ⁴ Please see advisor more details on the practicum experience	0	2 nd Summer
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2nd Fall Semester

***ALL STUDENTS SHOULD COMPLETE ANY REMAINING CORE COURSES IF THIS IS FINAL SEMESTER IN ADDITION TO TAKING TOPICS OR MASTERS ESSAY II.**

P6700	Introduction to Sociomedical Sciences ⁵ (R)	3	Fall 2 nd Yr
P9351	Masters Essay II (if you completed Masters Essay I) (R)	2	Fall 2 nd Yr
P9300	Topics in EHS (R if you have not taken Masters Essay) (R)	4	Fall 2 nd Yr
P8325	Risk Assessment, Management & Communication (E)	3	Fall 2 nd year
P8320	Applied Environmental & Industrial Hygiene (E)	3	Fall 2 nd Yr
P8100	Applied Regression Analysis (E)	3	Fall 2 nd Yr
P8120	Categorical Regression Analysis (E)	3	Fall 2 nd Yr
P8312	Fundamentals of Toxicology (E)	3/4	Fall 2 nd Yr

(R) = REQUIRED COURSE

(E) = Elective

ADDITIONAL INFORMATION:

* ANY CREDITS REMAINING AFTER ALL REQUIRED COURSEWORK IS COMPLETED MAY BE TAKEN AS ELECTIVES EITHER INSIDE OR OUTSIDE OF THE DEPARTMENT.

**SUBSTITUTIONS ARE AVAILABLE FOR SMS CORE COURSE, P6700. PLEASE SEE FOOTNOTE FIVE FOR MORE INFORMATION.

⁴ Please meet with your advisor to discuss practicum opportunities. Practicum can be taken as an internship either during the school year, during the summer and in special cases can be fulfilled through prior professional experience.

⁵ P6700 Introduction to Sociomedical Sciences (3) – see Ms. Andrea Constancio

*Non-SMS students may substitute the following courses (check semester schedule for availability of individual courses): P6000, P6001 (General Public Health) and P6503 (Health Econ can only be substituted in the spring semester), P6508 (Hlth Policy & Mgmt). Please note: P6508 is not offered in spring '09.