

Doctoral in Environmental Genetics and Molecular Toxicology Curriculum			
Total of 90 Credit Hours Required			
Required Courses			
Course Title	Course Number	Credit Hours	Offered
Environmental Health Seminar	ENV7001	Required each semester throughout graduate studies	Fall / Spring
Introduction to Biostatistics	BE7022	3	Fall / Spring
Molecular and Cellular Biology	GNTD7001	4	Fall
Biochemistry and Cellular Signaling	GNTD7002	3	Spring
Ethics in Research	GNTD7003	1	Spring
Career Opportunities in the Biomedical Sciences	GNTD8003*	2	Fall
Research	ENV8091	Varies	Fall / Spring
PhD Dissertation Research	ENV9091	Varies	Fall / Spring
EGMT Seminar	TOX8039	Required each year throughout graduate studies	Spring
EGMT Core Course	TOX8051	6	Spring
Survey of Toxicology**	TOX7082	2	Spring/Fall

*Required for PhD students as of Fall semester, 2016

**Required for PhD students as of Fall semester, 2017

Elective Courses

The following is a list of courses offered in the Department of Environmental Health or in other Departments in the College of Medicine that may be useful for EGMT students. These courses can be taken as electives. The student should select electives in consultation with his/her academic advisor.

For course descriptions, refer to the *University of Cincinnati Course Catalog*.

Elective Courses*			
Course Title	Course Number	Credit Hours	Offered
Biology of Cancer	CB8080	4	Spring
Survey of Physiology	EIH7084	1	Fall
Human Biological Monitoring and Biomarkers	EIH8043	2	Spring
Applied Risk Assessment	EIH8078	2	Alternating Spring
Human Genetics	GC7020	3	Fall
Teratology	GC7080	2	Spring
Introduction to Functional Genomics	GNTD8001C	3	Fall
Professional Development in Biomedical Research**	MCP8001	2	Fall

*This is not intended to be an exhaustive list; consult with your advisor to select electives that will best enhance your knowledge and research skills.

**Includes grant writing tutorial.