

# ENVIRONMENTAL HEALTH SCIENCES, CERTIFICATE

A unique curriculum has been designed to provide training to span the disciplines of translational environmental health sciences. This curriculum takes the place of the Graduate Group electives and is designed not to delay the time to attain the PhD degree. Upon completion of the didactic curriculum, trainees will have completed the requirements for the Certificate in Environmental Health Sciences. Upon completion of their thesis, trainees will receive the Certificate in Environmental Health Sciences and a PhD from their graduate group.

The below Plan of Study includes graduate group coursework (16-18 CU depending on group).

First Year		
<b>Fall</b>		
PHRM 5340	Experimental Genome Science	1
BIOM 6000	Cell Biology	1
Required Graduate Group Courses		2
		<b>Course Units 4.00</b>
<b>Spring</b>		
PHRM 5900	Molecular Toxicology: Chemical and Biological Mechanisms	1
BIOM 6100	Foundations in Statistics	1
Required Graduate Group Course		1
Lab Rotation		1
		<b>Course Units 4.00</b>
<b>Summer</b>		
Epidemiology- or Community-based Lab Rotation		2
		<b>Course Units 2.00</b>
<b>Second Year</b>		
<b>Fall</b>		
Required Courses, Electives or Lab Rotation		2
BMIN 5030	Data Science for Biomedical Informatics	1
EPID 7110	Environment Epidemiolog	1
		<b>Course Units 4.00</b>
<b>Spring</b>		
Electives or Pre-Thesis Research		2
Thesis Proposal Candidacy Examination		2
		<b>Course Units 4.00</b>

Summer	
Lab Rotation	2
	<b>Course Units 2.00</b>
	<b>Total Course Units 20.00</b>

## Third to Fifth Year

Thesis Research

### Rotations

Students are required to do three rotations. One rotation can be taken in the summer before matriculation. One rotation must involve a mentored community-based experience or epidemiology/population based study. Rotations must be done in the lab of a CEET investigator.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2024 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.