

MAJOR IN ENVIRONMENTAL PUBLIC HEALTH

TO Declare Major: competitive entry controls required and capped enrollment in place. Please contact Director of Student Success in the CVMBS Student Success Center for more information.

Major Completion Map

Distinctive Requirements for Degree Program:

Freshman

Semester 1		Critical	Recommended	AUCC	Credits
CHEM 111	General Chemistry I (GT-SC2)	X		3A	4
CHEM 112	General Chemistry Lab I (GT-SC1)	X		3A	1
CO 150	College Composition (GT-CO2)	X		1A	3
LIFE 102	Attributes of Living Systems (GT-SC1)	X		3A	4
VMBS 100	Introduction to Biomedical Sciences Major	X			2
Total Credits					14

Semester 2		Critical	Recommended	AUCC	Credits
CHEM 113	General Chemistry II	X			3
CHEM 114	General Chemistry Lab II	X			1
ERHS 220	Introduction to Environmental Public Health	X		3A	3
MIP 260	The World of Parasites	X			3
Select a minimum of 3 credits from the following:		X			3
MATH 118	College Algebra in Context II (GT-MA1)			1B	
MATH 124	Logarithmic and Exponential Functions (GT-MA1)			1B	
MATH 125	Numerical Trigonometry (GT-MA1)			1B	
MATH 126	Analytic Trigonometry (GT-MA1)			1B	
MATH 155	Calculus for Biological Scientists I (GT-MA1)			1B	
MATH 160	Calculus for Physical Scientists I (GT-MA1)			1B	
1C (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#aucc)				1C	3
A minimum of 3 credits of AUCC 1B must be completed by the end of Semester 2.		X		1B	
Total Credits					16

Sophomore

Semester 3		Critical	Recommended	AUCC	Credits
ERHS 230	Environmental Health Field Methods	X			3
Select one course from the following:		X			4
BMS 300	Principles of Human Physiology				
BMS 360	Fundamentals of Physiology				
Select one course from the following:		X			5
PH 121	General Physics I (GT-SC1)			3A	
PH 141	Physics for Scientists and Engineers I (GT-SC1)			3A	
Select one group from the following:		X			3-5
Group A					
CHEM 245	Fundamentals of Organic Chemistry				
CHEM 246	Fundamentals of Organic Chemistry Laboratory				
Group B					
CHEM 341	Modern Organic Chemistry I				
ERHS 220 must be completed by end of Semester 3.		X			
Total Credits					15-17
Semester 4		Critical	Recommended	AUCC	Credits
MIP 300	General Microbiology	X			3
MIP 302	General Microbiology Laboratory	X			2

Select one course from the following:	X			3
STAT 301 Introduction to Applied Statistical Methods				
STAT 307 Introduction to Biostatistics				
Select the same Group (A or B) as selected in Semester 3:	X			3-5
Group A				
CHEM 338 or Environmental Chemistry				
ERHS 448 Environmental Contaminants				
Group B				
CHEM 343 Modern Organic Chemistry II				
CHEM 344 Modern Organic Chemistry Laboratory				
Social and Behavioral Sciences (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#social-behavioral-sciences)		X	3C	3
BMS 300 or BMS 360 and ERHS 230 must be completed by the end of Semester 4.	X			
Total Credits				14-16
Junior				
Semester 5	Critical	Recommended	AUCC	Credits
ERHS 320 Environmental Health–Water Quality			4A	3
ERHS 350 Principles of Occupational Safety and Health	X			3
Select one course from the following:	X			3
CO 300 Writing Arguments (GT-CO3)			2	
CO 301B Writing in the Disciplines: Sciences (GT-CO3)			2	
Select one course from the following:	X			3
FTEC 400 Food Safety				
MIP 334 Food Microbiology				
Historical Perspectives (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)		X	3D	3
PH 121 or PH 141 must be completed by the end of Semester 5.	X			
Total Credits				15
Semester 6	Critical	Recommended	AUCC	Credits
BC 351 Principles of Biochemistry	X			4
ERHS 332 Principles of Epidemiology	X			3
ERHS 479 Environmental Health Practice	X		4C	1
Arts and Humanities (https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		X	3B	6
BMS 300 or BMS 360 and STAT 301 or STAT 307 must be completed by the end of Semester 6.	X			
Total Credits				14
Senior				
Semester 7	Critical	Recommended	AUCC	Credits
ERHS 446 Environmental Toxicology	X			3
ERHS 487 Internship-Environmental Health	X		4C	4
Program Electives (See Major Requirements tab)	X			5
Electives		X		4
Total Credits				16
Semester 8	Critical	Recommended	AUCC	Credits
ERHS 410 Environmental Health-Air and Waste Management	X		4B	3
ERHS 430 Human Disease and the Environment	X			3
ERHS 450 Introduction to Radiation Biology	X			3
Electives	X			5

The benchmark courses for Semester 8 are the remaining courses in the entire program of study. X

Total Credits	14
Program Total Credits:	120