



**BACHELOR of SCIENCE;
ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCE (#548)**

Department of Public Health
College of Health and Human Services
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. Prerequisites, Course Numbers, and Course Titles are subject to change.

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		Spring Semester	
COMM 145 – Fundamentals of Public Speaking & Communication (F-OC)	3	ENG 100 – Intro College Writing (F-W1)	3
MATH 116 – College Algebra (F-QR)	3	PSY/S 100 – Intro to Psychology (E-SB)	3
CHEM 105 – Fundamentals of General Chemistry (E-NS) AND CHEM 106 – Fund of Gen Chemistry Lab (E-SL)	3/1	HIST 101 – World History I OR HIST 102 – World History II (F-SB)	3
ENV 280 – Intro to Environmental Science (E-NS)	3	ENV 120 – Intro to Occupational Safety and Health	3
PH 100 – Personal Health (E-SB)	3	CHEM 107 – Fundamentals of Organic Chemistry AND CHEM 108 – Fund of Organic Chemistry	3/1
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16

SECOND YEAR			
Fall Semester		Spring Semester	
ENG 200 – Intro to Literature (F-AH)	3	Connections: Local to Global (K-LG)	3
ECON 202 Microeconomics	3	ENV Major Elective OR *World Language (if needed)	3
Arts & Humanities (E-AH)	3	BIOL 207 – General Microbiology (E-NS) AND BIOL 208 – General Microbiology Lab (E-SL)	3/1
MATH 117 – Trigonometry	3	Connections: Social & Cultural (K-SC)	3
BIOL 131 – Human Anatomy & Physiology (E-NS/SL)Lab	4		
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	13

For more details and courses offered in the Colonnade General Education program visit the [website](#).

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

THIRD YEAR			
Fall Semester		Spring Semester	
PHYS 231 – Intro to Physics and Biophysics AND PHYS 232 – Lab for Physics and Biophysics	3/1	ENG 307 – Technical Writing	3
ENG 300 – Writing in the Disciplines (F-W2)	3	ENV 321 – Fundamentals of Industrial Hygiene AND ENV 323 – Fund of Industrial Hygiene Lab	3/1
ENV 221 – Occupational Safety & Health Standards	3	ENV 380 – Principles of Environmental Technology	3
PH 383 – Biostatistics in the Health Sciences	3	SFTY 270 – General Safety	3
PH 385 – Environmental Health	3	Connections: Systems (K-SY)	3
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16

FOURTH YEAR			
Fall Semester		Spring Semester	
PH 384 – Intro to Epidemiology	3	ENV 474 – Environmental Risk Assessment	3
ENV 410 – Water Treatment Processes AND ENV 411 – Water Treatment Processes Lab	3/1	ENV 360 – Air Pollution Control AND ENV 365 – Air Pollution Control Lab	3/1
ENV 460 – Environmental Management	3	ENV 490 – Food Safety	3
ENV 480 – Hazardous and Solid Waste Management	3	ENV 491 – Internship in Environmental Health and Safety	3
ENV 486 – Senior Environmental Seminar	1	ENV Major Elective (if not taken earlier)	3
TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	16

Total Credit Hours: 120**

*Please see undergraduate catalog for admission requirements to the Department of Public Health and for course grade requirements in major.

**If World Language course is needed/taken, total credit hours may increase.

For More Information:

Department: Public Health

Website: https://www.wku.edu/publichealth/bs_in_ehs.php

Phone: (270) 745-4797

Email: public.health@wku.edu

Course Descriptions: <https://www.wku.edu/undergraduatecatalog/>