

# PUBLIC HEALTH, BACHELOR OF SCIENCE (B.S.)

Public Health offers the Bachelor of Science degree in Public Health with a Health Promotion Concentration, a Pre-Professional Concentration, and the Bachelor of Science degree in Public Health and Master of Public Health Accelerated 3 + 2 Dual Degree Accelerated Pathway with a Health Promotion concentration and a Pre-Professional Concentration. Students who complete the Health Promotion concentration, the Pre-Professional Concentration, or the accelerated pathway are prepared to determine the health needs of the community and plan and implement effective programs to improve the health of the populations they serve. Health Promotion Specialists may work in Public Health Departments, Volunteer Organizations, Hospitals, and Family Resource Centers. Students who complete the Pre-Professional Concentration receive training in Public Health along with preparation for professional health related graduate programs such as medicine, dentistry, osteopathy, veterinary medicine, or physician associate. Students in the Pre-Professional Concentration will be assigned to a Public Health advisor and should also consult with a pre-professional health advisor from the College of Science, Technology, Engineering, and Mathematics to ensure adequate preparation for professional entrance exams and the professional school application process. Students are responsible for ensuring they have the correct prerequisites for the professional program of their choice.

A student may choose a minor in Public Health. The Bachelor of Science program in Public Health is accredited by the Council on Education for Public Health.

Students who transfer from another college or university must earn a minimum of 12 hours at ECU in the major. Students who transfer from another college or university must earn a minimum of six hours at ECU in the minor. Students who are accepted by the ECU Admissions Office and declare their major as Public Health with a concentration in Health Promotion or Pre-Professional Concentration must maintain an overall GPA of 2.25 with a grade of "C" or better in all of the required major and supporting courses found in the Public Health Curriculum.

## Professional Liability Insurance

Students enrolling in HEA 499 Internship in Public Health in the Department of Health Promotion and Administration are required to register for student Professional Liability Insurance. This fee is listed in each semester's schedule of classes. Please see the section on Student Liability Insurance for the College of Health Sciences.

## Program Requirements

CIP Code: 51.2207

### Major

Code	Title	Hours
<b>University Graduation Requirements</b>		
General Education ( <a href="http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/">http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/</a> )		36
GSD 101	Foundations of Learning	3
Upper division courses (42 hrs. distributed throughout Major/Supporting/Gen Ed/Free Electives categories)		
<b>Major Requirements</b>		
<i>Core Courses</i>		

HEA 216	Introduction to Public Health	3
HEA 290	Foundations of Health Promotion	3
HEA 310	Introduction to Global Health	3
HEA 320	Introduction to Behavior Change	3
HEA 345	Drugs, the Individual, and Society	3
HEA 350	Interpretation of Health Data	3
HEA 380	Mental Health Promotion	3
HEA 410	Social Marketing in Public Health	3
HEA 455	Introduction to Epidemiology	3
HEA 480	Health Promotion Program Planning	3
HEA 485	Community Org & Policy Dev	3
HEA 497	Senior Seminar: Public Health	3
HEA 498	Community Health Promotion Process	3
HEA 499	Internship in Public Health	3
or HON 420	Thesis Project and Seminar	
HEA 592	Human Sexuality	3
NFA 201	Essentials of Nutrition	3
<b>Concentrations</b>		<b>18-33</b>
Health Promotion		
Pre-Professional		
<b>Supporting Course Requirements</b>		
Health Promotion		0-3
<b>Free Electives</b>		
Choose from 10-15 hours of free electives.		0-15
<b>Total Hours</b>		<b>120</b>

## Health Promotion Concentration

Code	Title	Hours
<b>Concentration Courses</b>		
HEA 300	Infectious Dis. and Public Hea	3-4
or BIO 208 & 208L	Human Anatomy and Physiology I and Human Anatomy & Physio I Lab	
HEA 305	Chronic Disease & PublicHealth	3-4
or BIO 308 & 308L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	
Choose from six hours of the following:		6
HEA 590	Health Education:____	
HEA 591	Women's Health	
HEA 593	Death and Grief	
HEA 594	Substance Use Prevention Skill	
Choose from six hours of the following:		6
BIO 273	Clinical Microbiology	
or MLS 209	Microbiology for Health Sciences	
HCA 100	Health Care Delivery Systems	
HCA 302	Organization and Structure of Health Services	
HCA 310	Skills for Healthcare Managers	
HCA 401	Legal and Ethical Issues in Health Care	
HLS 101	Introduction to Homeland Security	
HLS 260	Disaster Preparedness & Response	
NFA 447	Food Culture and Systems	
REC 280	Programming Special Events	
SOC 365	Social Change in Appalachia	
<b>Supporting Course Requirements</b>		

Choose from one of the following: 0-3

STA 215	Introduction to Statistical Reasoning (Element 2) <sup>G</sup>
STA 270	Applied Statistics (Element 2) <sup>G</sup>
SOC 232	Social Statistics

**Total Hours** 18-23**Pre-Professional Concentration**

Code	Title	Hours
------	-------	-------

**Concentration Courses**

BIO 112 & 112L	Ecology and Evolution and Ecology and Evolution Lab	4
BIO 320 or BIO 331	Principles of Microbiology Cell Biology	3-4
CHE 112 & 112L	General Chemistry II and General Chemistry Lab	4
CHE 361 & 361L	Organic Chemistry I and Organic Chemistry Lab I	4
CHE 362 & 362L	Organic Chemistry II and Organic Chemistry Lab II	4
CHE 430	Biochemistry of Macromolecules	3
PHY 131	College Physics I	5
PHY 132	College Physics II	5

**Supporting Course Requirements**

BIO 111 & 111L	Cell and Molecular Biology and Cell and Molecular Biology Lab (Element 4) <sup>G</sup>
CHE 111 & 111L	General Chemistry and General Chemistry Lab I (Element 4) <sup>G</sup>
PSY 200	Introduction to Psychology (Element 5B) <sup>G</sup>
STA 215 or STA 270	Introduction to Statistical Reasoning (Element 2) <sup>G</sup> Applied Statistics

**Total Hours** 32-33

<sup>G</sup> Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above.