

ONE HEALTH, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Description

The minor in One Health will consist of four core courses (12 credits) and nine credits of supporting courses from a variety of disciplines. This course is open to all SCIENCE MAJORS. Students that are accepted in the minor, will consult with the coordinator such that the minor is completed in time. Substitution of supportive courses will be an option as determined by the coordinator to all the students to complete the minor on time.

Program Requirements

Requirement	Credits
Requirements for the Minor	21

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10>). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Some courses have prerequisites which need to be completed before taking the course.

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better</i>		
VBSC 340	Introduction to Human and Veterinary Public Health	3
VBSC 444	Epidemiology of Infectious Diseases	3
VBSC 455	One Health	3
VBSC 456	Case Studies in Global One Health	3
Supporting Courses and Related Areas		
<i>Supporting Courses and Related Areas: Require a grade of C or better</i>		
Select 0-9 credits from the following:		0-9
ANSC 419W	Applied Animal Welfare	
BBH 302	Diversity and Health	
BMB 464	Molecular Medicine	
BMH 490	Bioethics and Medical Humanities Capstone Course	
BIOL 415	Ecotoxicology	
CED 442	Changing Food Systems: Comparative Perspectives	
ENT 450	Medical Entomology	
ERM 430	Air Pollution Impacts to Terrestrial Ecosystems	
ENVSE 450	Environmental Health and Safety	
FDSC 408	Food Microbiology	
FOR/WFS 430	Conservation Biology	
GEOG 436	Ecology, Economy, and Society	
GEOSC 420	Paleobotany	

MICRB 412	Medical Microbiology	
NUTR 430		
SOC 423	Social Demography	
Select 0-3 credits from the following:		0-3
VBSC 403H	Principles of Animal Disease Control	
VBSC 402W	Biology of Animal Parasites	
VBSC 409	Wildlife Diseases	
Select 0-3 credits from the following:		0-3
VBSC 418	Bacterial Pathogenesis	
VBSC 435	Viral Pathogenesis	
Select 0-3 credits from the following:		0-3
VBSC 430	Principles of Toxicology	
VBSC 431	Environmental Toxicology	

Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and-out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

University Park

Bhushan Jayarao
Professor of Veterinary and Biomedical Sciences
123 ASI
ASI Building
University Park, PA 16802
814-863-5939
bmj3@psu.edu

Contact

University Park

DEPARTMENT OF VETERINARY AND BIOMEDICAL SCIENCES
AVBS Building 108E
University Park, PA 16802
onehealth@pennstateoffice365.onmicrosoft.com

<https://agsci.psu.edu/academics/undergraduate/minors/one-health>
(<https://agsci.psu.edu/academics/undergraduate/minors/one-health/>)