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

<table>
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<th>Requirement</th>
<th>Credits</th>
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<td>Requirements for the Minor</td>
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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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>Prescribed Courses: Require a grade of C or better</td>
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<tr>
<td>VBSC 340</td>
<td>Introduction to Human and Veterinary Public Health</td>
<td>3</td>
</tr>
<tr>
<td>VBSC 444</td>
<td>Epidemiology of Infectious Diseases</td>
<td>3</td>
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<tr>
<td>VBSC 455</td>
<td>One Health</td>
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<tr>
<td>VBSC 456</td>
<td>Case Studies in Global One Health</td>
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</table>

Supporting Courses and Related Areas

Supporting Courses and Related Areas: Require a grade of C or better

Select 0-9 credits from the following:

- 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 Social Demography

Select 0-3 credits from the following:

- VBSC 403H Principles of Animal Disease Control
- VBSC 402W Biology of Animal Parasites
- VBSC 409 Wildlife Diseases

Select 0-3 credits from the following:

- VBSC 418 Bacterial Pathogenesis
- VBSC 435 Viral Pathogenesis

Select 0-3 credits from the following:

- 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/)

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