Applied and Environmental Microbiology

Minor Contact

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Minor Code - U082

The minor in Applied and Environmental Microbiology is designed to introduce students to the beneficial and harmful roles of microorganisms in a variety of diverse environments including plants, animals, soil, food, air, and water. Emphasis is given to the importance of microorganisms in such applied areas as public health, plant disease, pollution and pollution abatement, biological control of pests, bio-deterioration, and ecology.

A minimum GPA of 2.5 is required in all minor courses
A grade of C or higher must be earned in all minor courses

Minor Requirements

AEM 341 & 341L General Microbiology and General Microbiology Laboratory 4

PPTH 401 & 401L General Plant Pathology and General Plant Pathology Laboratory 4

Minimum of seven hours selected from the following: 7

AEM 401 & 401L Environmental Microbiology and Environmental Microbiology Laboratory
AEM 420 Soil Microbiology
AEM 445 Food Microbiology
AEM 449 Food Microbiology Lab
AEM 493 Special Topics
AEM 495 Independent Study
AGRN 420 Soil Microbiology
ENVP 401 & 401L Environmental Microbiology and Environmental Microbiology Laboratory
ENVP 420 Soil Microbiology
PPTH 409 & 409L Nematology and Nematology Laboratory
PPTH 470 & 470L Forest Pest Management and Forest Pest Management Laboratory
PPTH course - Research-Airborne Fungi
PPTH 503 & 503L Mycology and Mycology Laboratory

Total Hours 15

* Maximum of four hours of special topics courses (AEM 493 or PPTH 493) can be applied toward the 15-hour total and requires approval of the division director.

** Courses with the same title are equivalent to each other.