

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.

Code	Title	Hours
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	
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

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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.

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Courses with the same title are equivalent to each other.