Microbiology, MS

In our microbiology master's degree program, you'll receive advanced training in the study of microbes and their impact on humankind, disease and the environment. We use tools ranging from nanotechnologies and genomics to mathematical models and satellite-based imaging. Also, we draw on the expertise of ASU microbiologists from diverse areas.

Program Description

Degree Awarded: MS Microbiology

The MS program in microbiology is designed to prepare students for careers in teaching and research in various aspects of microbiology. Teaching or research may be performed in educational institutions, government agencies or industry.

At a Glance

- College/School: College of Liberal Arts and Sciences
- Location: Tempe campus

Degree Requirements

30 credit hours and a thesis

Required Core (3 credit hours)
MIC 501 Foundations in Microbiology (3)

Electives and Research (21 credit hours)

Culminating Experience (6 credit hours)
MIC 599 Thesis (6)
Additional Curriculum Information
Students should see the academic unit for a complete list of approved electives.

Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and the College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited institution.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. academic record form
4. personal statement
5. curriculum vitae or resume
6. GRE scores
7. three letters of recommendation
8. proof of English proficiency

Additional Application Information
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Desired Qualifications:

1. GRE scores: 50 percent verbal and 70 percent quantitative
2. research experience

Contact Information
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