UMSL | Graduate School

Master of Science (MS)
Biology

Degree Program

A minimum of 30 credit hours is required. The only course required of all students is two semesters of Graduate Seminar.
***Non-thesis option*:** students take one laboratory course or two credit hours of research. A maximum of five credit hours of research will be counted toward the 30 credit-hour total.
***Thesis option*:** students conduct independent research in the laboratory or field that culminates in a written thesis. A maximum of 13 credit hours of graduate research will be counted toward the 30 credit-hour total.

Emphasis Areas

1. Cell and Molecular Biology
2. Ecology, Evolution, and Systematics
3. Professional Science in Cellular & Molecular Biology

Program Website

http://umsl.edu/go/BiologyGrad

Application Requirements

1. Application
    a. http://umsl.edu/go/Apply-Now
2. Three letters of recommendation from previous professors
3. Official transcripts from all universities attended
    a. Successful applicants will have completed advanced undergraduate biology courses including genetics, biochemistry, and evolution and must have a baccalaureate degree before beginning the master's program.
    b. Students admitted to the degree program who have not met some of the prerequisites may be asked to pass appropriate courses before graduating.
4. Entrance examinations
    a. The Graduate Record Examination General Test is not required but is highly recommended for positive consideration (see http://www.gre.org/ttindex.html).
    b. International students are required to document English proficiency by providing scores from an internationally accepted standardized examination before a decision is made on admission. Ordinarily, a minimum score of 213 on the computer-based exam or 79 minim score on the internet-based exam (550 on the paper-based exam) is required.
5. Grade Point Average
    a. Minimum of 3.0 on 4.0 scale overall and in biology courses

Application Deadline (for domestic applicants)

Fall: July 1 w/o financial support **OR** December 15 w/ financial support **Spring:** December 15 w/o financial support

Application Deadline (for international applicants)

Fall semester: June 1 **Spring Semester:** October 1

Application Fee

$50 for domestic applicants; $40 for international applicants

Assistantships

Assistantships are currently funded at $ 8,000 per academic term plus educational fee scholarships. Students must maintain full-time status and can receive funding for up to two years. Applications for assistantships are sent directly to the Director of Graduate Studies.

Program Director

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