

Master of Science Biochemistry and Biotechnology

Degree Program

A minimum of 30 credit hours is required, including

- Specific foundation courses: 15 hours;
- Elective courses: 15 hours, including research opportunities

Non-thesis option: designed for those with laboratory research experience or for others, such as educators, who do not require research experience. All students admitted to the program are considered to be in the non-thesis program unless a faculty member of the program has accepted them as a thesis student.

Thesis option: includes a laboratory-based research experience leading to a written thesis; requires full-time enrollment.

Emphasis Area

- Professional Science: this program adds elective options in economics, law, and management, positioning students for future careers in the business of biotechnology

Program Website

- <http://www.umsl.edu/~biotech/>

Application Requirements

1. Graduate School Application
 - a. <http://umsl.edu/go/Apply-Now>
2. Official transcripts from all universities attended
 - a. Successful applicants must have completed a baccalaureate in Biology, Chemistry, Biochemistry, or a related discipline. *Undergraduate courses in biochemistry, genetics, cell biology, and organic chemistry are required.*
3. Entrance examinations
 - a. International students are required to document English proficiency by providing scores from an internationally accepted standardized examination before a decision is made on admission. A score of 213 or better on the computer-based exam or 79 or better on the internet-based exam is required.
 - b. The Graduate Record Examination (GRE) General Test is optional for applicants (<http://www.gre.org/ttindex.html>); scores can be considered as part of an application but are not required from any applicant.
4. Grade Point Average
 - a. Minimum of 3.0 on 4.0 scale in biology and chemistry coursework.

Application Deadlines

Deadline for receipt of all admission materials

- Fall semester
 - May 1 [international applicants]
 - July 1 [domestic applicants]
- Spring semester
 - October 1 [international applicants]
 - December 1 [domestic applicants]
- Summer Semester
 - May 1 [domestic applicants]

A rolling admission will occur until class is full. Applications must be received in full (i.e., all transcripts) for consideration. Applicants can expect to hear back within 30 days upon submission of a complete application.

Application Fee

\$50 for domestic applicants; \$40 for international applicants

Graduate Program Director

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