

University of Missouri-St Louis
Graduate Program Profile
Master of Science (MS) in Biochemistry and Biotechnology

Degree Program

A minimum of 30 credit hour is required, including a) Specific foundation courses: 15 hours; b) Elective courses: 15 hours, including research courses

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. No additional hours are required.

Thesis option: includes a laboratory-based research apprenticeship leading to a written thesis; requires fulltime enrollment.

Program Website

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

Application Requirements

1. Application

<http://www.umsl.edu/divisions/graduate/prospective/applying.html>

2. Three letters of recommendation

Letters that address academic potential must be provided by individuals who can accurately assess it such as previous instructors, professors, etc.

3. Official transcripts from all universities attended

Successful applicants must have completed a baccalaureate in Biology, Chemistry, Biochemistry, or a related discipline before beginning the master's program. *An undergraduate course in biochemistry (equivalent to Biol/Chem 4712) is required.*

4. Entrance examinations

a. The Graduate Record Examination General Test is optional but strongly recommended (see <http://www.gre.org/ttindex.html>).

b. International students are required to document English proficiency (<http://www.umsl.edu/divisions/graduate/prospective/international.html>). A score of 213 or better on the computer-based exam (or 550 on the paper-based exam) is required.

5. Grade Point Average

Minimum of 3.0 on 4.0 scale in biology and chemistry coursework.

Application Deadline (for domestic students)

Fall admission: July 15

Winter/spring admission: December 15

Applications are processed as they are submitted. However, applications that are not received by the posted date may delay admission until the following semester.

Application Fee

\$35 (\$40 for international students)

Graduate Program Director

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