

**Master of Science in Cell and Molecular Biology (MSCMB)
At Missouri State University**

MSCMB ADMISSION REQUIREMENTS (For U.S. educated students*)

Admission to the MSCMB program requires a strong science and mathematics background identical to that required of a student completing the undergraduate program in cell and molecular biology. In addition, admission to the program requires evidence that the applicant will be able to successfully complete a rigorous graduate program in the sciences at a high level of performance and be able to demonstrate research skills by successful completion of the research component.

Because of the close faculty mentorship required for students in a laboratory research environment, admission must be limited to the most competitive applicants. Higher than minimum grade point averages and GRE scores are considered when admissions to the program become competitive.

1. Two semesters of organic chemistry
2. Two semesters of physics
3. A course in calculus
4. Acceptable performance in earlier course work as determined by A, B, or C below.
 - A. A bachelor's degree from a college or university accredited by agencies recognized by Missouri State University; AND an overall grade point average (GPA) of at least 2.75 on a 4.00 scale, OR at least a grade point average of at least 2.75 on a 4.00 scale; OR have a score of 475 or higher on either the verbal or quantitative section of the Graduate Record Examination (GRE), AND a score of not less than 400 on the other section; OR
 - B. A bachelor's degree from a college or university not accredited by an agency recognized by Missouri State University, a grade point average of at least 2.75 on a 4.00 scale overall, OR at least a 2.75 grade point average on a 4.00 scale for the last 60 hours of academic course work; AND a Graduate Record Examination (GRE) score of 475 or above on either the verbal or quantitative section, AND a score of not less than 400 on the other section; OR
 - C. A recommendation in writing by both the department head of the student's desired major area and the dean of the college in which that discipline is located, and approval of the Dean of the Graduate College.
5. Submission of GRE scores from the General Examination portion.
6. Thesis option candidates require acceptance as a potential member of a research team by at least one graduate faculty member in the Biomedical Sciences Department. Non-thesis option candidates may be admitted by the department's Graduate Program Director in consultation with the graduate faculty and Department Head.
7. Completion of all application materials and acceptance by the Graduate College.
8. Final admission to the degree program requires meeting or exceeding the conditions of acceptance as outlined in the admission form.

*International students should refer to the requirements for MSCMB admission as an international student.