

Graduate Programs in Biology at the School of Science and Engineering, UMKC

M.A. in Biology

The School of Biological Sciences offers a Master of Arts in Biology. This is a 1-year program, (June to May or September to July), that provides additional post-baccalaureate coursework and experiences to prepare students to successfully compete for admission into medical, osteopathic, dental, pharmacy and veterinary programs.

To apply go to <https://www.umkc.edu/admissions/apply/graduate-professional-application-process.html>, and click on the Apply Now button in the middle of the page. Completed applications must be received by May 1 for June start and by July 15 for September start.

Requirements for applying to the M.A. Biology degree program:

- A baccalaureate degree in Biology or Chemistry (preferred).
- Undergraduate GPA of 3.0 or higher.
- Three letters of recommendation from those familiar with the student's academic and intellectual capabilities. Letters must be written on letterhead and include a signature.
- A statement of purpose that addresses the following: 1) your motivation to seek a career in the health professions; 2) experiences that have informed your perspective about a health care career; 3) unique hardships, challenges or obstacles that may have influenced your educational pursuits; 4) how the MA Biology program will help you achieve your long-term goals; and 5) other information you feel is relevant to your long-term career goals.
- A current C.V.
- A minimum score on one of the following exams: MCAT (≥ 485), DAT (≥ 15), PCAT (≥ 24) or GRE (≥ 300 on verbal and quantitative tests).

M.A. Biology Curriculum (30 cr. hr.):

1 cr. hr.	BIOL 5511, Professional Development
4 cr. hr.	BIOL 5510/BIOL 5510L, Gross Anatomy and Lab
4 cr. hr.	BIOL 5515, Professional Biochemistry
4 cr. hr.	BIOL 5539, Mammalian Physiology
3 cr. hr.	LSCBB 5520, Cell & Molecular Biology II
4 cr. hr.	BIOL 5592, MA Topics
10 cr. hr.	Elective courses*

*One very highly recommended elective is BIOL 5540, Pathophysiology (4 cr. hr.). Students will work with their academic advisor to determine if this elective is a good choice for their career goals.

Financial Assistance:

The School of Biological Sciences does not guarantee financial support for M.A. students. There may be opportunities for teaching assistantships for the undergraduate labs, which will allow students to earn \$2400 - \$3600 per semester.

Other questions? Contact:

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MA Biology Graduate Program Coordinator
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