



TEXAS A&M UNIVERSITY-SAN ANTONIO
College of Arts and Sciences

MASTER OF SCIENCE IN BIOLOGY



PROGRAM OVERVIEW

The Master of Science in Biology at Texas A&M University-San Antonio aims to provide an advanced collegiate life science curriculum with broad coverage of common major topics within the discipline of biology. Successful students earning a master's degree at A&M-San Antonio will solidify their appreciation for the diversity of living organisms, their understanding of basic biological processes and how biological science impacts the environment and society, and acquire knowledge of and experience with a variety of approaches used to study them.

PROGRAM DETAILS

- The Master of Science in Biology offers two degree tracks:
 - Thesis Track (30 cr. hrs.): Submission of a thesis, based on the in-depth analysis of a research study.
 - Non-Thesis Track (36 cr. hrs.): Submission of a literature review or research report, based on a topical study.
- Admitted candidates are required to successfully complete 10 credit hours of required core courses, and 20-26 additional hours comprised of Biology electives, Thesis (6-12 cr. hrs., Thesis Track only) and/or Independent Study (max 6 cr. hrs., Thesis/Non-Thesis Track).
- Courses are offered as face-to-face, hybrid, and online formats.

WHO SHOULD APPLY?

The program welcomes students of any discipline who have fulfilled core science and mathematics courses (e.g., General Biology and Chemistry (General/Organic), Physics, Calculus) and core Biology courses (e.g. Biostatistics, Genetics, Ecology, Evolution, Cell/Micro/Molecular Biology). If you are considering pursuing a terminal degree in the biological sciences, holding a master in Biology can enhance one's experience in a doctoral program (e.g., PhD, EdD). If you are interested in careers teaching biology (e.g., high school, community/university level) or working for government agencies, non-profit groups or in the private sector, holding a master's degree is preferred.

ADMISSIONS REQUIREMENTS

Applicants to the graduate program in Biology must complete the following:

1. Submit their application and required documents by the appropriate semester deadline to GradCas: gradcas.liaisoncas.org/apply.
2. Send official e-transcripts from all US institutions attended to GradCAS through the online order portal. If your institution does not have official e-transcripts available, they can be mailed to the GradCAS processing center.
3. Personal statement (reasons for applying to program, career goals and research interests).
4. Resume or Curriculum Vitae.
5. Letters from three references.
6. A non-refundable \$35 application fee.

APPLICATION DEADLINES

- April 15th, early admission decision; Teaching Assistantship eligibility (Thesis-Track only)
- July 15th, final admission deadline

FOR MORE INFORMATION, SCAN THE QR CODE OR VISIT:
TAMUSA.EDU/MSBIOLOGY-PROGRAM



PROJECTED PLAN OF STUDY*

| FIRST YEAR | | CREDITS | |
|--------------------------------|-----------------------------------|-----------|------------|
| FALL SEMESTER | | THESIS | NON-THESIS |
| BIOL 5105 | Graduate Seminar** | 1 | 1 |
| BIOL 5310 | Graduate Scientific Scholarship** | 3 | 3 |
| BIOL 5XXX | Biology Elective | 3-4 | 3-4 |
| BIOL 5XXX | Biology Elective ³ | 3-4 | 3-4 |
| SPRING SEMESTER | | THESIS | NON-THESIS |
| BIOL 5105 | Graduate Seminar** | 1 | 1 |
| BIOL 5315 | Graduate Biostatistics I** | 3 | 3 |
| BIOL 5XXX | Biology Elective | 2-4 | 3-4 |
| BIOL 5XXX | Biology Elective ³ | 1-4 | 1-4 |
| SECOND YEAR | | CREDITS | |
| FALL SEMESTER | | THESIS | NON-THESIS |
| BIOL 5105 | Graduate Seminar** | 1 | 1 |
| BIOL 5306 | Thesis ¹ | 3 | — |
| BIOL 530X | Independent Study ² | — | — |
| BIOL 5XXX | Biology Elective | 3-4 | 3-4 |
| BIOL 5XXX | Biology Elective ³ | 1-4 | 1-4 |
| SPRING SEMESTER | | THESIS | NON-THESIS |
| BIOL 5105 | Graduate Seminar** | 1 | 1 |
| BIOL 5306 | Thesis ¹ | 3 | — |
| BIOL 530X | Independent Study ² | — | 1-3 |
| BIOL 5XXX | Biology Elective | 3-4 | 3-4 |
| BIOL 5XXX | Biology Elective ³ | 1-4 | 1-4 |
| TOTAL (MINIMUM) CREDITS | | 30 | 36 |

*Schedule is a projected plan of study and subject to change.

**Required Courses; ¹Required Thesis Track; ²Required Non-Thesis Track; ³Can be substituted with Thesis or Independent Study

CONTACT:

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VISIT THE GRADUATE SCHOOL ADMISSION WEBSITE AT:
WWW.TAMUSA.EDU/ADMISSIONS/GRADUATEINFORMATION.HTML



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