MOLECULAR GENETIC TECHNOLOGY

THE UNIVERSITY OF TEXAS MD Anderson Cancer Center
School of Health Professions
Making Cancer History®

One-Year Program Leading to a Bachelor of Science in Molecular Genetic Technology

Required Prerequisite Courses for Application into Molecular Genetic Technology

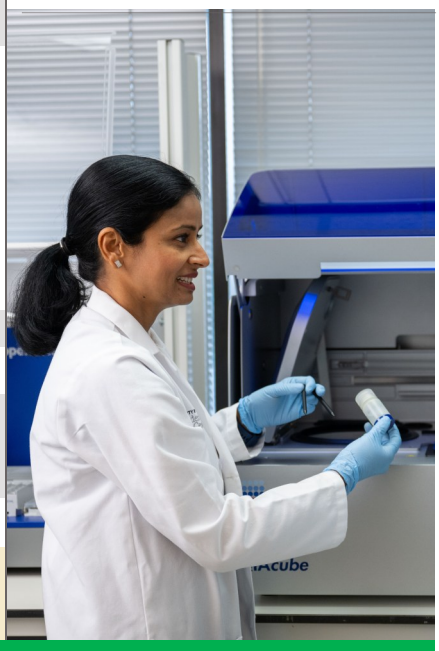
Application for Fall 2026

COURSE TITLE	TCCNS COURSE NUMBER	SEMESTER CREDIT HOURS
English Composition I	ENGL 1301	3
English Composition II	ENGL 1302	3
Mathematics Core College Algebra or higher	MATH 1314	3
Language, Philosophy and Culture Core Courses in humanities, literature, philosophy, modern or classical language, cultural studies or equivalent		3
Creative Arts Core Courses in arts, dance, music appreciation, music, drama or equivalent		3
United States History I	HIST 1301	3
United States History II	HIST 1302	3
Federal Government	GOVT 2305	3
Texas Government	GOVT 2306	3
Social and Behavioral Science Core Courses in anthropology, economics, psychology, sociology, social work or equivalent		3
Biological Sciences (choose 2 courses) Recommend courses include, but are not limited to: • Biology I • Biology II • Anatomy and Physiology I • Anatomy and Physiology II • Cellular Biology	BIOL 1406 or 1306+1106 BIOL 1407 or 1307+1107 BIOL 2401 or 2301+2101 BIOL 2402 or 2302+2102	8
Chemistry courses, to include at least one Organic Chemistry or Biochemistry course. Recommend courses include, but are not limited it: • General Chemistry I • General Chemistry II • Organic Chemistry I • Organic Chemistry II • Biochemistry Note: Applicants who have completed Biochemistry are only required to have a minimum of 15 SCH (semester credit hours) of Chemistry, instead of the usual 16 SCH.	CHEM 1411 or 1311+1111 CHEM 1412 or 1312+1112 CHEM 2423 or 2323+2123 CHEM 2425 or 2325+2125	16
Microbiology	BIOL 2421 or 2321+2121	3
Genetics or Molecular Genetics	BIOL 2416 or 2316+2116	3
Elective Courses Applicants may complete any college-level academic course of their choice to fulfill elective requirements. However, remedial, developmental, or workforce-level courses are not accepted.		31
Total number of semester credit hours		**90**

Applicants must also have completed a minimum of 12 semester credit hours of upper-division coursework at the 3000 or 4000 level from a university.

Applicants to the one-year program in Molecular Genetic Technology should have the majority of prerequisite courses completed at the time of application. The prerequisite courses may be taken at any regionally accredited college/ university with a grade of C- or better. Courses are listed using the Texas Common Course Numbering System (tccns.org).

Admissions into the program is competitive. Learn more at mdanderson.org/SHPapply.



School of Health Professions **www.mdanderson.org/shp**

Updated 9/24/2025

Molecular Genetic Technology One –Year Track

Fall 2026 Admission

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Frequently Asked Questions

1. When do I turn in my admission application for Fall 2026?
The application will be available starting September 15, 2025. You should submit the application, transcripts of each college attended, essay and three professional recommendation forms before the priority deadline of April 1, 2026. To ensure documents are received before the priority deadline, it's recommended that you apply months before the deadline.

2. Can I apply for Spring or Summer admissions?
No. Students enter the Molecular Genetic Technology program once a year in the Fall semester.

3. I've not finished with all the prerequisite courses. Can I still apply for admission?
Yes, if the majority of the prerequisite courses are completed, you may apply for admission. The more prerequisite courses you have completed at the time of application, the better.

Admitted students must have no more than 2 missing prerequisite courses by the first day of enrollment in the School of Health Professions.

For this purpose, please note that a science course with a corresponding lab, is considered one course and not two courses, e.g. General Chemistry lecture and lab.

4. What factors are considered in the admission process?
Admissions to the program is competitive and holistic. This means that an admissions committee will look at all the factors below when admitting a student. Meeting the minimum requirement does not guarantee acceptance.
(1) A minimum of 2.50 in all three areas: Overall GPA, science GPA and prerequisite GPA
(2) Number of completed prerequisite courses at the time of application
(3) Essay (the essay prompt will appear on the online admission application)
(4) Three Professional Recommendation Forms
(5) Interview

5. When will I receive my admission decision?
Completed applications are reviewed on a rolling basis. Therefore, you are encouraged to apply early and will be notified by the Admissions Review Committee for an interview. The earlier you apply, the earlier you will receive an admission decision.

6. I was accepted for Fall 2026 to the Molecular Genetic Technology one-year track. Due to a few lacking prerequisite courses, I was accepted into the program conditionally. What is the deadline to complete my outstanding prerequisite courses?
By the first day of enrollment in the School of Health Professions, you can have a maximum of 2 outstanding prerequisite courses. These outstanding prerequisite courses must be completed no later than January 2027. Our recommendation is to finish the missing prerequisite course(s) as soon as possible.

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7. I already hold a bachelors degree. Can I apply for this program?
Yes, you can apply. Upon graduation you will earn a second bachelors degree.

8. I already hold a bachelors degree. Can you waive all the prerequisite courses?
No, despite holding a prior degree, prerequisite requirements cannot be waived. However, applicable courses from your prior degree may be used toward the prerequisite requirements.

9. The prerequisite courses require a minimum of 12 semester credit hours of upper-division course work at a 3000 or 4000 level. What is an upper-division course?
If you attended a university, courses offered at a junior level or higher are considered upper-division.

Any course taken at a community college is not upper division.

10. Can I enroll in classes part-time?
No, enrollment is only offered full-time. View the courses you will complete during this 1-year program here.

11. How can I learn more about the program?
You can attend a program information session. The schedule is posted on our webpage.

12. Where is the School located?
The School is located in the Texas Medical Center, the largest medical complex in the world. The physical location of the School is 7007 Bertner Ave, Houston, TX 77030 inside the MD Anderson Mid-Campus Building 1.

13. What is a clinical rotation?
As part of the learning process, you will complete approximately 480 hours of guided clinical rotation hours. Clinical rotations allow you to apply your knowledge gained from the classroom and labs to the real life medical setting.

14. When I graduate, what degree will I earn?
You will earn a bachelor of science degree from The University of Texas MD Anderson Cancer Center.

15. What does it mean to be board certified?
Upon graduation, you will have the opportunity to take a board of certification exam offered by the American Society for Clinical Pathology. This is the gold standard in global certification for medical laboratory professions. Passing the certification exam can result in improved job prospects and higher salaries. You will be certified as a Technologist in Molecular Biology.