

MOLECULAR GENETIC TECHNOLOGY



100% Online Postbaccalaureate certificate

Admissions Requirements

- Applicants should hold a bachelor's degree or higher in allied health sciences, clinical lab sciences, biology or a related discipline.
- Prior lab experience is strongly recommended.
- A minimum overall undergraduate and science prerequisite GPA of 2.50 on a 4.0 scale is required for admissions.



Required science prerequisite courses

Semester Credit Hours (SCH)

- Either Biochemistry, Organic Chemistry or Chemistry with lab (3 SCH)
- Any Genetics related courses, Cell Biology or Molecular Biology (3 SCH)

Recommend science prerequisite course

- Microbiology (2 SCH)



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

Fall Enrollment

Applications accepted: Sept 15 - April 30

Spring Enrollment

Applications accepted: May 1 - Oct 15

Summer Enrollment

Applications accepted: Nov 1 - March 20

Curriculum	SCH
MG 4240 Introduction to Molecular Genetics	2
MG 4250 Fundamentals of Molecular Diagnostics Genetics	2
MG 4460 Advanced Concepts of Molecular Genetics	4
MG 4470 Advanced Molecular Diagnostics Genetics	4
Total Semester Hours	12

Frequently Asked Questions

1. What is Molecular Genetic Technology?

Molecular genetic technologists generate the data that help clinicians diagnose and understand complex genetic disorders. As personalized treatments become more common, their expertise is increasingly needed.

2. When do classes start?

We enroll new students each Fall, Spring and Summer semester.

3. What is the program structure?

The 12 semester credit certificate program includes four asynchronous online courses designed for the working professional. This flexible schedule allows you to take one or two online courses each semester.

You can complete your certificate quickly in 2 semesters, or take up to 2 years.

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) Bachelors bachelor's degree or higher in allied health, clinical lab sciences, biology or a related discipline.
- (2) A minimum overall undergraduate and science prerequisite GPA of 2.50 on a 4.0 scale
- (3) Essay (the essay prompt will appear on the online admission application)
- (4) Three Professional Recommendation Forms
- (5) Official transcript(s) from each college attended.
- (6) Foreign transcripts must be evaluated by an [approved agency](#). If you are a current UT MD Anderson employee, we may accept a foreign credential evaluation already on file with the UT MD Anderson Human Resources Department.

5. I do not have prior lab experience. Can I still apply to this certificate program?

Yes, you may apply if you don't have prior lab experience. However, the curriculum builds on your existing scientific foundations and emphasizes the concepts underlying molecular laboratory techniques such as molecular assay design, result interpretation and quality control measures essential for accurate and reliable molecular diagnostics in health care settings.

6. I'm an international student on an F-1 student visa. Can I apply for this certificate program?

No. Students on an F-1 visa are not eligible to apply because this certificate program is offered 100% online. F-1 visa regulations require in-person enrollment.

7. I reside outside of the United States. Can I enroll in this program?

Yes. Applicants residing outside of the United States may apply. The only individuals who are not eligible are students residing in the U.S. on a student visa.

Frequently Asked Questions

8. What is the cost of the certificate program?

You can view the resident and non-resident tuition for 12 semester credit hours [here](#).

9. When will I receive my admission decision?

Completed applications that meet all minimum admission factors will be contacted for an interview.

Fall entry: An admissions decision will be completed in May.

Spring entry: An admissions decision will be completed in November.

Summer entry: An admissions decision will be completed in April.

10. When I complete the program, what degree will I earn?

You will earn a postbaccalaureate certificate in Molecular Genetic Technology from The University of Texas MD Anderson Cancer Center.

11. Upon completion of this program, would I be eligible to take the board of certification exam offered by the [American Society for Clinical Pathology](#)?

No. This certificate program will not allow you to sit for the ASCP certification exam.

However, we do offer other programs in the School of Health Professions that provide you with the opportunity for ASCP certification. These programs include:

Bachelor of Science in [Molecular Genetic Technology](#)

Master of Science in [Diagnostic Genetics and Genomics](#)