



Molecular Genetic Technology

100% Online Postbaccalaureate certificate

This fully online postbaccalaureate certificate program is designed for bachelor's level students with an interest in molecular genetics and its real-world application in diagnostic procedures. Students will explore the fundamental principles of molecular genetics, gene regulation and practical techniques used in clinical diagnostics.

Emphasis is placed on understanding the concepts underlying molecular laboratory techniques, where students gain proficiency in assay composition, result interpretation, and understanding quality control measures essential for accurate and reliable molecular diagnostics in healthcare settings.

Program participants who are current MD Anderson employees may be eligible for reimbursement through the [Tuition Assistance Program](#).

Program Structure

- 100% online, allowing for flexible enrollment for working professionals
- Take 1 or 2 courses each semester
- Earn your certificate in as little as 2 semesters, or take up to 2 years

Admissions into the program is competitive. Meeting the minimum requirement does not guarantee acceptance. Learn more at mdanderson.org/SHP.

Contacts

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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