

# MOLECULAR GENETIC TECHNOLOGY

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

## Required Prerequisite Courses for Application into Molecular Genetic Technology

*Application for Fall 2020*

COURSE TITLE	TCCNS COURSE NUMBER	SEMESTER CREDIT HOURS
English Composition I	ENGL 1301	3
English Composition II	ENGL 1302	3
<i>Mathematics Core</i> College Algebra or higher	MATH 1314	3
<i>Language, Philosophy and Culture Core</i> Courses in humanities, literature, philosophy, modern or classical language, cultural studies or equivalent		3
<i>Creative Arts Core</i> 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
<i>Social and Behavioral Science Core</i> Courses in anthropology, economics, criminal justice, geography, psychology, sociology, social work or equivalent		3
<i>Biological Sciences (choose 2 courses)</i> Recommend courses include, but are not limited to: <ul style="list-style-type: none"> <li>• Biology I</li> <li>• Biology II</li> <li>• Anatomy and Physiology I</li> <li>• Anatomy and Physiology II</li> <li>• Microbiology</li> <li>• Genetics</li> </ul>	BIOL 1406 or 1306+1106 BIOL 1407 or 1307+1107 BIOL 2401 or 2301+2101 BIOL 2402 or 2302+2102 BIOL 2421 or 2321+2121 BIOL 2426 or 2316+2116	8
<i>Chemistry courses, to include at least one Organic Chemistry or Biochemistry course.</i> Recommend courses include, but are not limited to: <ul style="list-style-type: none"> <li>• General Chemistry I</li> <li>• General Chemistry II</li> <li>• Organic Chemistry I</li> <li>• Organic Chemistry II</li> <li>• Biochemistry</li> </ul>	CHEM 1411 or 1311+1111 CHEM 1412 or 1312+1112 CHEM 2423 or 2323+2123 CHEM 2425 or 2325+2125	16
<i>Elective Courses</i> Remedial-level course or workforce course will not be accepted.		6
<b>Total number of semester credit hours</b>		<b>60</b>

Applicants to the **two-year** program in Molecular Genetic Technology should complete the required prerequisite courses prior to enrollment in the School of Health Professions. The 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](http://tccns.org)).

Admissions into the program is competitive. Learn more at [mdanderson.org/SHApply](http://mdanderson.org/SHApply).

