

MOLECULAR GENETIC TECHNOLOGY

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 2021

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:		8
<ul style="list-style-type: none"> • 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	
<i>Chemistry courses, to include at least one Organic Chemistry or Biochemistry course.</i> Recommend courses include, but are not limited to:		15
<ul style="list-style-type: none"> • General Chemistry I • General Chemistry II • Organic Chemistry I • Organic Chemistry II • Biochemistry 	CHEM 1411 or 1311+1111 CHEM 1412 or 1312+1112 CHEM 2423 or 2323+2123 CHEM 2425 or 2325+2125	
Microbiology	BIOL 2421 or 2321+2121	3
Genetics	BIOL 2416 or 2316+2116	3
<i>Elective Courses</i> Remedial-level course or workforce course will not be accepted.		31
Total number of semester credit hours		90

Applicants to the **one-year** program in Molecular Genetic Technology should complete the required prerequisite courses prior to enrollment in the School of Health Professions. 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.



Applicants must also have a minimum of 12 semester credit hours of upper-division course work at 3000 for 4000 level.