

MOLECULAR GENETIC TECHNOLOGY

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

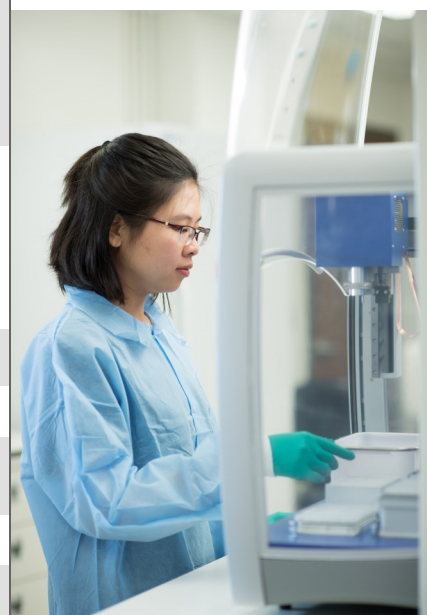
Required Prerequisite Courses for Application into Molecular Genetic Technology

Application for Fall 2020

| 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, criminal justice, geography, psychology, sociology, social work or equivalent | | 3 |
| Biological Sciences (choose 2 courses) Recommend courses include, but are not limited to: <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 | 8 |
| Chemistry courses, to include at least one Organic Chemistry or Biochemistry course. Recommend courses include, but are not limited to: <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 | 16 |
| Microbiology | BIOL 2421 or 2321+2121 | 3 |
| Genetics | BIOL 2416 or 2316+2116 | 3 |
| Elective Courses Remedial-level course or workforce course will not be accepted. | | 30 |
| 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 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.