

CYTOGENETIC TECHNOLOGY

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

Required Prerequisite Courses for Application into Cytogenetic Technology

Application for Fall 2020

Applicants to the **one-year** program in Cytogenetic 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/SHPPapply.

Flexible enrollment options for this program include full-time, part-time and online. Students selecting part-time enrollment will complete their degree beyond one-year, depending on course selections each semester.



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"> • 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
<i>Chemistry (choose 4 courses)</i> Recommended 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 with or without lab	BIOL 2421 or 2321+2121	3
Genetics with or without lab	BIOL 2416 or 2316+2116	3
<i>Elective Courses</i> Remedial-level course or workforce course will not be accepted.		30
Total number of semester credit hours		90

Applicants must also have a minimum of 11 semester credit hours of upper-division course work at 3000 for 4000 level.