

# 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 2021**

Applicants to the one-year program in Cytogenetic Technology may apply for admissions when the majority of prerequisite courses are completed. 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](http://tccns.org)).

Admissions into the program is competitive. Learn more at [mdanderson.org/SHPPapply](http://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"> <li>• Biology I</li> <li>• Biology II</li> <li>• Anatomy and Physiology I</li> <li>• Anatomy and Physiology II</li> <li>• Cellular Biology</li> </ul>	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"> <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
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
<b>Total number of semester credit hours</b>		<b>90</b>

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

# Cytogenetic Technology

## One –Year Track

### Fall 2021 Admission

## Frequently Asked Questions

Making Cancer History®

### When do I turn in my admission application for Fall 2021?

The application will be available starting September 15, 2020. You should submit the application, transcripts of each college attended, essay and three professional recommendation forms before the priority deadline of April 1, 2021. To ensure documents are received before the priority deadline, it's recommended that you apply months before the deadline.

### Can I apply for Spring or Summer admissions?

No. Students enter the Cytogenetic Technology program once a year in the Fall semester.

### I've not finished with all the prerequisite courses. Can I still apply for admission?

Yes, if the majority of the prerequisite courses are completed, you may apply for admission. The more prerequisite courses you have completed at the time of application, the better.

### What factors are considered in the admission process?

Admissions to the program is competitive and holistic. This means that an admissions committee will look at all the factors below when admitting a student. Meeting the minimum requirement does not guarantee acceptance.

- (1) A minimum of 2.50 in all three areas: Overall GPA, science GPA and prerequisite GPA
- (2) Number of completed prerequisite courses at the time of application
- (3) Essay (the essay prompt will appear on the online admission application)
- (4) Three Professional Recommendation Forms
- (5) Interview

### When will I receive my admission decision?

Completed applications are reviewed on a rolling basis. Therefore, you are encouraged to apply early and will be notified by the Admissions Review Committee for an interview. The earlier you apply, the earlier you will receive an admission decision.

### I was accepted for Fall 2021 to the Cytogenetic Technology one year track. Due to a few lacking prerequisite courses, I was accepted into the program conditionally. What is the deadline to complete my outstanding prerequisite courses?

You must finish any outstanding prerequisite course no later than May 2022. Our recommendation is to finish the course as soon as possible.

### I already hold a bachelors degree. Can I apply for this program?

Yes, you can apply. Upon graduation you will earn a second bachelors degree.

### I already hold a bachelors degree. Can you waive the prerequisite courses?

No, despite holding a prior degree, you must still complete the prerequisite courses.

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### Can I enroll in classes part-time?

Yes, enrollment is offered full-time or part-time. You can even enroll in the on-line option. View the courses and details [here](#).

### Where is the School located?

The School is located at 1515 Holcombe Blvd, Houston, TX 77030 inside MD Anderson's Main Building.

### What is a clinical rotation?

As part of the learning process, you will complete approximately 480 hours of guided clinical rotation hours. Clinical rotations allow you to apply your knowledge gained from the classroom and labs to the real life medical setting.

### When I graduate, what degree will I earn?

You will earn a bachelor of science degree from The University of Texas MD Anderson Cancer Center.

### What does it mean to be board certified?

Upon graduation, you will have the opportunity to take a board of certification exam offered by the [American Society for Clinical Pathology](#). This is the gold standard in global certification for medical laboratory professions. Passing the certification exam can result in improved job prospects and higher salaries. You will be certified as a technologist in Cytogenetics.

### How can I learn more about the program?

You can attend the monthly information session. View the schedule [here](#).