

## Preparation for Admission to Cytotechnology Programs

Listed below are the courses required for admission to the cytotechnology program at the University of Mississippi Medical Center in Jackson (UMMC). Other cytotechnology programs have similar requirements, but you should study the specific prerequisites for the schools to which you plan to apply. The prerequisite courses are typically completed in 3 years at DSU. After successful completion of 1 additional year at UMMC, you receive a bachelor of science degree in cytotechnology.

	Courses	Credit	Notes
<b>General Education Requirements</b>			
English Composition	ENG 101 and ENG 102 or 103	6	Two semesters of English composition
Humanities and Fine Arts	Choose 3 courses from: history, literature, foreign language, journalism, philosophy, art or music appreciation, or theater.	9	Because literature, fine arts, and history are required for all DSU majors, most students should select courses that will count toward a DSU degree in case they decide to stay at DSU until graduation. See the current DSU <i>Bulletin</i> for details on general education courses.
Mathematics	MAT 104	3	College algebra
Social or behavioral science	Choose two courses from: economics, political science, psychology, or sociology.	6	Most students should take general psychology (PSY 101) and sociology (SOC 101) because these are specifically required for some other health related programs.
		<b>24</b>	
<b>Natural Sciences</b>			
General Chemistry	CHE 101, 102, 103, 104	8-10	General chemistry I and II with laboratories. Although the cytotechnology prerequisites just stipulate "natural sciences," general chemistry is a prerequisite for all advanced biology and chemistry courses.
Principles of Biology	BIO 100, 101	8	Principles of biology I and II. Although the cytotechnology prerequisites just stipulate "natural sciences," basic biology is a prerequisite for all advanced biology courses.
Science electives	Three advanced BIO, CHE, or PHY courses	10-12	Cytotechnology requires a minimum of 7 courses (28 hours) in natural sciences (including general biology and chemistry). Suggested courses include: anatomy and physiology, microbiology, genetics, histology, organic chemistry, biochemistry, and physics.
		<b>26-30</b>	
<b>Recommended electives</b>			
	Additional courses to bring total credit to at least 90 hours.	36-40	While electives can be chosen from any discipline, students should consider taking courses that meet the requirements of a bachelor's degree at DSU. Making progress toward a degree provides more career paths in addition to cytotechnology. Majors in biology or chemistry are logical choices.
		<b>36-40</b>	

**Additional Notes:**

- The cytotechnology program at UMMC begins each summer. Check the UMMC cytotechnology website (see URL below) for the next application deadline.
- A minimum of 90 hours is required.
- Enrollment in upper-level BIO and CHE courses (courses numbered 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed BIO 100, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the *Bulletin* or the Department of Biological Sciences web site, or see your advisor for more information.
- Science courses designed for non-science majors may not be counted toward the prerequisites for professional school.
- Admission to the cytotechnology program at UMMC requires a grade point average of at least 2.0. (To be competitive, you need a GPA significantly higher than this minimum). A minimum grade of C is required in each course accepted for prerequisite credit.
- For more information on cytotechnology and the other programs offered by the School of Health Related Professions at UMMC, visit their website at: <http://www.umm.edu/shrp>. Also see our frequently asked questions (FAQ) at: <http://www.doctortee.com/dsu/tiftickjian/faqs/cytotech-faq.html>
- IMPORTANT:** Application to health professional schools is very competitive. Completion of the minimum requirements will not ensure admission. Admission decisions are based on policies established by the professional school's faculty and admission committee. Successful applicants typically have GPAs and other qualifications well in excess of stated minimums. Talk to your advisor for more information on what is realistically needed to have a good chance of getting into your desired professional school.