

Bachelor of Science in Health Sciences

Health Sciences with a Major in Cytotechnology (BSHS)

Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
Freshman		
Fall		
ENGL 110C	English Composition	3
CHEM 105N	Introductory Chemistry	3
CHEM 106N	Introductory Chemistry Laboratory	1
BIOL 121N	General Biology I	3
BIOL 122N	General Biology I Lab	1
MATH 102M or MATH 103M	College Algebra or College Algebra with Supplemental Instruction	3
Credit Hours		14
Spring		
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research or Writing, Rhetoric, and Research: Special Topics	3
CHEM 107N	Introductory Organic and Biochemistry	3
CHEM 108N	Introductory Organic and Biochemistry Laboratory	1
BIOL 123N	General Biology II	3
BIOL 124N	General Biology II Lab	1
Information Literacy		3
Credit Hours		14
Sophomore		
Fall		
BIOL 240 or BIOL 250	Fundamentals of Anatomy and Physiology I or Human Anatomy and Physiology I	4
Literature		3
BIOL 150	Introductory Microbiology	3
BIOL 151	Introductory Microbiology Laboratory	1
Human Behavior		3
Human Creativity		3
Credit Hours		17
Spring		
BIOL 241 or BIOL 251	Fundamentals of Anatomy and Physiology II or Human Anatomy and Physiology II	4

Interpreting the Past		3
Impact of Technology (Option D 300/400)		3
Philosophy and Ethics (Option D 300/400)		3
Credit Hours		13
Junior		
Fall		
CYTO 404	General Pathology	3
CYTO 407	Clinical Histology	3
CYTO 428W	Cytopreparatory Techniques and Procedures	3
MDTS 401	Molecular Diagnostics Laboratory	3
Credit Hours		12
Spring		
CYTO 403	Gynecological Screening Laboratory	3
CYTO 405	Normal Gynecological Cytology	3
CYTO 415	Abnormal Gynecological Cytology	4
CYTO 430	Cytology Laboratory Operations & Ancillary Techniques	3
CYTO 442	Gastro-Intestinal Cytology	2
CYTO 458	Cytology Internship I	3
Credit Hours		18
Summer		
CYTO 424	Respiratory Cytology	4
CYTO 444	Genitourinary Cytology	2
CYTO 445	Breast Cytology	2
CYTO 446	Body Fluids Cytology	3
CYTO 448	Non-Epithelial Cytology	1
CYTO 468	Cytology Internship II	4
Credit Hours		16
Senior		
Fall		
CYTO 456	Fine Needle Aspiration Cytology I	3
CYTO 457	Fine Needle Aspiration Cytology II	3
CYTO 478	Cytology Internship III	8
CYTO 497	Cytology Senior Seminar	1
CYTO 499	Comprehensive Cytology Review	1
Credit Hours		16
Total Credit Hours		120