

## MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS Allied Health Technology**  
 Option: **MEDICAL TECHNOLOGY (Medical Laboratory Science)**  
 Major Field Requirements: **30.0-32.0 credits**  
 Clinical Education: **27.0 credits**  
 Other Requirements: **27.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Course No.	Short Title	C.H.	Grade	Q.P.
<b>REQUIRED BIOLOGY COURSES (24.0 credits)</b>				<b>REQUIRED RELATED (27.0 credits)</b>				
BIOL 100	General Biology	3.0	___	<b>Chemistry (16.0 credits)</b>				
BIOL 254	Human Anat.&Phys. I	4.0	___	CHEM 111	Intro to Chem I	4.0	___	___
BIOL 255	Human Anat.&Phys. II	4.0	___	CHEM 112	Intro to Chem II	4.0	___	___
BIOL 257	Intro Allied Health	1.0	___	CHEM 235	Organic Chem	4.0	___	___
BIOL 263	Cell Biology	4.0	___	CHEM 326	Biochemistry I	4.0	___	___
BIOL 365	Genetics	3.0	___	Note: CHEM 231 & 232 (total of 8 credits) may substitute for CHEM 235.				
BIOL 454	Immunology	2.0	___	Students who are enrolled in the B.S. ALHT degree program and are considering going to graduate school or attending medical, dental, veterinary school or wanting to enroll in school to become a pharmacist, physical therapist, or physician assistant after completing their clinical training SHOULD TAKE CHEM 231 & 232.				
BIOL 461	General Microbiology	3.0	___	<b>Mathematics (7.0 credits)</b>				
<b>DIRECTED BIOLOGY ELECTIVES (6.0-8.0 credits)</b>								
Select from two courses below:								
BIOL 211	Concepts of Zoology	4.0	___	MATH 130	Statistics	3.0	___	___
BIOL 352	Nutritional Science	3.0	___	MATH 160	Pre-calculus	4.0	___	___
BIOL 360	Histology	4.0	___	Note: Students who might be interested in attending graduate school or professional schools after completing their clinical program SHOULD ALSO TAKE MATH 161.				
BIOL 363	Medical Micro	3.0	___	<b>Physics (4.0 credits)</b>				
BIOL 417	Parasitology	3.0	___	PHYS 131	Physics I with Algebra	4.0	___	___
BIOL 437	Endocrinology	3.0	___	Note: Students who might be interested in attending graduate school or professional schools after completing their clinical program SHOULD ALSO TAKE PHYS 132.				
BIOL 438	Neurobiology	4.0	___	<b>General Electives (as necessary)</b>				
BIOL 455	CardioPulm Physio	3.0	___	_____	_____	___	___	___
BIOL 462	Molecular Biology	3.0	___	_____	_____	___	___	___
BIOL 463	Virology	4.0	___	_____	_____	___	___	___
BIOL 465	Developmental Biol	3.0	___	_____	_____	___	___	___
BIOL 467	Human Genetics	3.0	___	_____	_____	___	___	___
RESP 422	Pharmacology	3.0	___	_____	_____	___	___	___
<b>CLINICAL EDUCATION</b>								
At an affiliated hospital site								
Clinical Education for Medical Technology (27.0)								