Accelerated Bachelor of Science in Biology (121 Credits) + Master of Science in Physician Assistant Studies (105 Credits)

Lawrence Technological University| College of Arts and Sciences | Department of Natural Sciences | Room S322 | 248.204.3600 | nschair@ltu.edu

Name:	Student ID:	Date:	Entry Term:

1st Year

Fall Semester (16 credits)	Prerequisite	✓	Spring Semester (18 credits)	Prerequisite	✓	Summer Semester (7 credits)	Prerequisite	✓
MCS 1414 - Calculus 1 or MCS 1224 - Survey of Calculus	Placement		BIO 1223 - Biology 2	Placement		PHY 2213 - College Physics 1	Placement	
BIO 1213 - Biology 1	Placement		BIO 1231 - Biology 2 Lab	BIO 1223 Concurrent		PHY 2221 - College Physics 1 Lab	PHY 2213 Concurrent	
BIO 1221 - Biology 1 Lab	BIO1213 Concurrent		CHM 1223 - University Chemistry 2	CHM 1213		HUM 1223 - Engaging Modern Texts	COM 1103 Concurrent	
PSC 1161 - Introduction to Science	None		CHM 1231 - University Chemistry 2 Lab	CHM 1223 Concurrent				
COM 1103 - College Composition	Placement		MCS 2124 - Statistics	Placement				
CHM 1213 - University Chemistry 1	Placement		PSY 1213 - Introductory Psychology	None				
CHM 1221 - University Chemistry 1 Lab	CHM 1213 Concurrent		HUM 1213 - Engaging Ancient Texts	COM 1103 Concurrent				

2nd Year

Fall Semester (18 credits)	Prerequisite	✓	Spring Semester (17 credits)	Prerequisite	✓	Summer Semester (9 credits)	Prerequisite	✓
CHM 2313 - Organic Chemistry 1	CHM 1213		CHM 2323 - Organic Chemistry 2	CHM 1213		LLT 2xx3 - LLT Elective	HUM 1213 or HUM 1223	
CHM 2311 - Organic Chemistry 1 Lab	CHM 2311 Concurrent		CHM 2321 - Organic Chemistry 2 Lab	CHM 2323 Concurrent		COM 2103 - Technical and Professional Communication	COM 1103	
PHY 2223 - College Physics 2	PHY 2213		BIO 2313 - Microbiology	BIO 1213		BIO xxx3 - Biology Jr./Sr. Elective	BIO 1213	
PHY 2231 - College Physics 2 Lab	PHY 2223 Concurrent		BIO 2321 - Microbiology Lab	BIO 2313 Concurrent				
BIO 3203 - Anatomy and Physiology A	BIO 1213		BIO 3303 - Anatomy and Physiology B	BIO 1213				
BIO 3201 - Anatomy and Physiology A Lab	BIO 3203 Concurrent		BIO 3301 - Anatomy and Physiology B Lab	BIO 3303 Concurrent				
HHS 1013 - Medical Terminology	None		PSC 3002 - Leadership in Scientific Research	Junior Standing				
SSC 2213 - Intro to the Social Sciences	HUM 1213 or HUM 1223		PSY 2613 - Developmental Psychology	PSY 1213				

3rd Year

Fall Semester (17 credits)	Prerequisite	✓	Spring Semester (19 credits)	Prerequisite	✓	Summer Semester
BIO 3323 - Molecular Genetics	BIO 1213 & CHM 1213		BIO 3613 - Ecology	BIO 1213		Your bachelor's degree must be conferred in May, with final transcripts sent to the PA program no later than June 15th of your graduation year.
BIO 4103 - Evolution	BIO 1213		BIO 4813 - Cell Biology	CHM 3403		
BIO 4212 - Seminar in Biological Literature	Junior Standing		BIO 4812 - Cell Biology Lab	BIO 4813 Concurrent		
CHM 3403 - Biochemistry	CHM 2323		CHM/BIO xxx3 - Jr./Sr. Technical Elective	Variable		
CHM 3411 - Biochemistry Lab	CHM 3403 Concurrent		PSY/SSC xxx3 - Jr./Sr. Technical Elective	Variable		
CHM/BIO xxx3 - Jr./Sr. Technical Elective	Variable		General xxx3 - Jr./Sr. Elective			
BIO 4912 - Biological Sciences Project 1	PSC 3002		BIO 4922 - Biological Sciences Project 2	BIO 491x		

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4th Year

Fall Semester (20 credits)	Prerequisite	✓	Spring Semester (21 credits)	Prerequisite	✓	Summer Semester (19 credits)	Prerequisite	Notes
PAS 5016 - Clinical Medicine I	Cohort Model		PAS 5027 - Clinical Medicine II	Cohort Model		PAS 5035 - Clinical Medicine III	Cohort Model	
PAS 5114 - Physical Assessment & Exploration I			PAS 5124 - Physical Assessment & Exploration II			PAS 5134 - Physical Assessment & Exploration III		
PAS 5212 - Health Care Issues I			PAS 5222 - Health Care Issues II			PAS 5232 - Health Care Issues III		
PAS 5312 - Pharmacology I			PAS 5322 - Pharmacology II			PAS 5332 - Pharmacology III		
PAS 5413 - Anatomy			PAS 5423 - Behavioral Medicine			PAS 5433 - Medical Diagnostics & Procedures		
PAS 5513 - Pathophysiology			PAS 5533 - Special Populations			PAS 5523 - Emergency Medicine		

5th Year

Fall Semester (15 credits)	Prerequisite	✓	Spring Semester (15 credits)	Prerequisite	✓	Summer Semester (19 credits)	Prerequisite	Notes
PAS 6015 - Family Medicine Rotation	Cohort Model		PAS 6045 - Pediatrics Rotation	Cohort Model		PAS 6075 - Emergency Medicine Rotation	Cohort Model	
PAS 6025 - Internal Medicine Rotation			PAS 6055 - Women's Health Rotation			PAS 6085 - Elective Medicine I Rotation		
PAS 6035 - Surgery Rotation			PAS 6065 - Behavioral Medicine Rotation			PAS 6095 - Elective Medicine II Rotation		

Notes