

Accelerated Bachelor of Science in Biology (124 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	Notes	Spring Semester (18 credits)		Prerequisite	Notes	Summer Semester (7 credits)	
MCS 1414 - Calculus 1 or MCS 1224 - Survey of Calculus		Placement		BIO 1223 - Biology 2		Placement		PHY 2213 - College Physics 1	
BIO 1213 - Biology 1		Placement		BIO 1231 - Biology 2 Lab		BIO 1223 Concurrent		PHY 2221 - College Physics 1 Lab	
BIO 1221 - Biology 1 Lab		BIO1213 Concurrent		CHM 1223 - University Chemistry 2		CHM 1213		HUM 1223 - Engaging Modern Texts	
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	Notes	Spring Semester (17 credits)		Prerequisite	Notes	Summer Semester (9 credits)	
CHM 2313 - Organic Chemistry 1		CHM 1213		CHM 2323 - Organic Chemistry 2		CHM 1213		LLT 2xx3 - LLT Elective	
CHM 2311 - Organic Chemistry 1 Lab		CHM 2311 Concurrent		CHM 2321 - Organic Chemistry 2 Lab		CHM 2323 Concurrent		COM 2103 - Technical and Professional Communication	
PHY 2223 - College Physics 2		PHY 2213		BIO 2313 - Microbiology		BIO 1213		BIO xxx3 - Biology Junior/Senior Elective	
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	Notes	Spring Semester (16 credits)		Prerequisite	Notes	Summer Semester (6 credits)	
BIO 3323 - Molecular Genetics		BIO 1213 & CHM 1213		BIO 3613 - Ecology		BIO 1213		LLT xxx3 - Jr./Sr. Elective	
BIO 4103 - Evolution		BIO 1213		BIO 4813 - Cell Biology		CHM 3403		General xxx3 - Jr./Sr. Elective	
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					
CHM 3411 - Biochemistry Lab		CHM 3403 Concurrent		PSY/SSC xxx3 - Jr./Sr. Technical Elective					
CHM/BIO xxx3 - Jr./Sr. Technical Elective				BIO 4922 - Biological Sciences Project 2					
BIO 4912 - Biological Sciences Project 1									

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4th Year

Fall Semester (20 credits)	Prerequisite	Notes	Spring Semester (21 credits)	Prerequisite	Notes	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	Notes	Spring Semester (15 credits)	Prerequisite	Notes	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