

LMU|Lincoln Memorial University

Bachelor of Science in Biology (Pre-Health Professions)¹

Roane State Community College

Associate of Science-Pre-Health Professions

Freshman Year – Fall Semester

Course Title	Cr	✓
COLS 1010 College to Career	3	
ENGL 1010 Comp I	3	
MATH 1830 Applied Calculus or MATH 1910 Calculus I	3- 4	
CHEM 1110 General Chemistry I	4	
PSYC 1030 Intro to Psychology (Social/Behavioral Science Elective)	3	
	16	
Total	17	

Freshman Year – Spring Semester

Course Title	Cr	✓
ENGL 1020 Comp II	3	
CHEM 1120 General Chemistry II	4	
COMM 2025 Fund. of Communication	3	
SOCI 1010 Intro to Sociology (Social/Behavioral Science Elective)	3	
Total	13	

Sophomore Year – Fall Semester

Course Title	Cr	✓
Literature Elective	3	
BIOL 1110 Gen. Biology I (Science Sequence)	4	
CHEM 2010 Organic Chemistry I (Science Sequence)	4	
Humanities Elective	3	
HIST Elective	3	
Total	17	

Sophomore Year – Spring Semester

Course Title	Cr	✓
HIST Elective	3	
Humanities Elective	3	
BIOL 1120 General Biology II (Science Sequence)	4	
CHEM 2020 Organic Chemistry II (Science Sequence)	4	
Total	14	

Lincoln Memorial University

Junior Year – Fall Semester

Course Title	Cr	✓
MATH 120 Trigonometry ^{2, 3}	3	
BIOL 194 Pre-Health Seminar ³	1	
BIOL 315 Molecular Genetics & Lab ³	4	
BIOL 380 Research Design & Analysis ^{3, 4}	3	
BIOL 441 Biochemistry I	4	
BIOL 310 Comp Vert Anatomy & Lab	4	
Total	19	

Junior Year – Spring Semester

Course Title	Cr	✓
BIOL 294 Pre-Health Careers Seminar II ⁵	1	
300 or 400 level PSYC ³	3	
BIOL 387/X JR Pre-Med Science Seminar and Writing ^{3, 6}	1	
Organismic Elective Course ⁷	3-4	
LNC 100 Lincoln's Life and Legacy	1	
Molecular & Cell Elective Course ^{3, 8}	3-4	
Ethics Elective ^{3, 9}	3	
Total	15-17	

Senior Year – Fall Semester

Course Title	Cr	✓
CIVX 300 American Civics	2	
PHYS 211 Physics I & Lab ³	4	
Elective-Any Elective of your Choice	3	
Upper-Level Track Elective ^{3, 10}	3-4	
Upper-Level Track Elective ^{3, 10}	3-4	
Total	15-17	

Senior Year – Spring Semester

Course Title	Cr	✓
Electives-Any course of your Choice	4	
BIOL 487/Z Sr. Pre-Med Science Seminar & Writing	1	
PHYS 212 Physics II & Lab ³	4	
Upper-Level Track Elective ^{3, 10}	3-4	
Upper-Level Track Elective ^{3, 10}	3-4	
Total	15-17	

Total Degree Credits: 60-61 (RSCC Total Credit hours) + 64-70 (Lincoln Memorial University Total Credit hours) = 124-130

¹Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Prior to registering each semester, the student is expected to consult with his/her advisor. Check the RSCC catalog and transfer university catalog for updates and/or revisions.

²Prerequisite: Successful completion (C- or better) of MATH 115 or MATH ACT Sub-score of 23 or higher.

³These courses must be passed with a least a C- or better to progress in the program. See LMU catalog for specific grade requirements.

⁴Prerequisites: Successful completion (C- or better) of MATH 270, BIOL 111 and 112 with labs.

⁵Prerequisites: Successful completion (C- or better) of BIOL 194.

⁶Prerequisites: Successful completion (C- or better) of ENGL 102 or equivalent.

⁷ Choose from BIOL 336/BIOL 336L, BIOL 365/BIOL 365L, PEXS 300, VHS 300/VHS 300L *

⁸ Choose from BIOL 360, BIOL 442/BIOL 442L, BIOL 450

⁹ Choose from BIOL 224 or PHIL 430*

¹⁰ Choose from AHSC 300, BIOL 320/BIOL 320L, BIOL 334, BIOL 336/BIOL 336L, BIOL 360, BIOL 365/BIOL 365L, BIOL 370/BIOL 370L, BIOL 410, BIOL 411, BIOL 442/BIOL 442L, BIOL 450, BIOL 460, BIOL 483 (max 3 hours), PEXS 300*. PEXS 372*, PSYC 475*, VHS 300*, VHS 330, or VHS 400*

*Prerequisites for students following this articulation agreement that have an AS, AA and AAS degree from RSCC will be waived.