

BIOLOGY GUIDED PATHWAY

Earn an Associate of Science in the Biological Sciences Tracks from Central Piedmont Community College and transfer to Winthrop University to earn your Bachelor of Science in Biology. The Biology major is frequently chosen by students with career interests related to medicine, environmental science, biological research and teaching secondary education in the sciences. Qualified Winthrop students in biology are accepted for postgraduate study in many fields, including medicine, dentistry, veterinary medicine, physical therapy, physiology, microbiology, ecology, botany, zoology and medical technology.

10/24

TERM 1 at Central Piedmont		
Course		√
ENG 111: Writing and Inquiry	3	
ACA 122: College Transfer Success	1	
BIO 111: General Biology	4	
MAT 171: Precalculus Algebra	4	
HIS 111: World Civilizations, HIS 112: World Civilizations II, HIS 131: American History I, or HIS 132: American History II	3	
Total credits:	15	

TERM 2 at Central Piedmont		
Course		√
ENG 112: Writing and Research in the Disciplines	3	
BIO 112: General Biology	4	
MAT 172: Precalculus Trigonometry	4	
COM 231: Public Speaking	3	
Behavioral/Social Science	3	
Total credits:	17	

TERM 3 at Central Piedmont		
Course		√
CHM 151: General Chemistry 1	4	
Math/Science Elective	4	
Humanities/Fine Arts Elective	3	
Behavioral/Social Science	3	
Language course	3	
Total credits:	17	

TERM 4 at Central Piedmont		
Course		√
CHM 152: General Chemistry II	4	
Math/Science Elective	4	
Humanities/Fine Arts Elective	3	
Math/Science Elective	3	
ART 114: Art History Survey I	3	
Total credits:	17	

TERM 5 at Winthrop University		
Course		√
BIOL 300: Scientific Process	4	
BIOL 316: Principles of Human Genetics or BIOL: 317	3 or 4	
HXCT 300: Human Experience	3	
Math/Science Elective	3 or 4	
Total credits:	13-15	

TERM 6 at Winthrop University		
Course		√
BIOL 390: Departmental Seminar	0.5	
BIOL Area A	3 or 4	
BIOL Area B	3 or 4	
Math/Science Elective	3 or 3	
Foreign Language	4	
Total credits:	14.5-17.5	

TERM 7 at Winthrop University		
Course		√
BIOL 490: Biology Departmental Seminar	0.5	
BIOL Area C	3 or 4	
BIOL Area A, B, or C	3 or 4	
Math/Science Elective	3 or 4	
PESH	1	
Foreign Language	4	
Total credits:	14.5-17.5	

TERM 8 at Winthrop University		
Course		√
BIOL 480: Integration of Biological Principles	3	
BIOL Area D	3 or 4	
BIOL Area D	3 or 4	
BIOL Area D (if necessary to reach 42 hours in BIOL)	3 or 4	
Total credits:	12-15	