

Transfer Pathway: Associate in Science in Pre-Professional Sciences to Bachelor of Science in Biological Sciences

Bulletin Year: 2021-2022

This course plan is a recommended sequence for this major. Please see the University of South Carolina Bulletin for detailed degree requirements and contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.

Course Subject and Title	Credit Hours	Min. Grade	UofSC Equivalent Course	UofSC Degree Applicability
Semester One (16 Credit Hours)				
COL 101 College Orientation	1		Not Transferrable	
ENG 101 English Composition I	3	C	ENGL 101 Critical Reading and Composition	CC-CMW
MAT 110 College Algebra	4	C	MATH 111 Basic College Mathematics	PR-Elective
BIO 101 Biological Science I	4	C	BIOL 101 Biological Principles I and BIOL 101L Biological Principles I Lab	CC-SCI
CHM 110 College Chemistry	4	C	CHEM 111 General Chemistry and CHEM 111L General Chemistry I Lab	PR-Supporting Course
Semester Two (17 Credit Hours)				
ENG 102 English Composition II	3	C	ENGL 102 Rhetoric and Composition	CC-CMW/INF
BIO 102 Biological Science II	4	C	BIOL 102 Biological Principles II and BIOL 102L Biological Principles II Lab	CC-SCI
MAT 111 College Trigonometry	3	C	MATH 112 Trigonometry	PR-Elective
CHM 111 College Chemistry II	4	C	CHEM 112 General Chemistry II and CHEM 112L – General Chemistry II Lab	PR-Supporting Course
HIS 202 American History: 1877 to Present	3	C	HIST 112 US History Since 1865	CC-GHS
Semester Three (17 Credit Hours)				
MAT 140 Analytical Geometry and Calculus I	4	C	MATH 141 Calculus 1	CC-ARP
SPC 205 Public Speaking	3	C	SPCH 140 Public Communication	CC-CMS
CHM 211 Organic Chemistry I	4	C	CHEM 333 Organic Chemistry I and CHEM 331L Organic Chemistry I Lab I	PR-Cognate
PSC 201 American Government	3	C	POLI 201 American National Government	CC-GSS/VSR
CPT 114 Computers and Programming	3	C	UNEL 001T University Elective	PR-Elective
Semester Four (14 Credit Hours)				
MAT 141 Analytical Geometry and Calculus II	4	C	MATH 142 Calculus II	CC-ARP
CHM 212 Organic Chemistry II	4	C	CHEM 334 Organic Chemistry II and CHEM 332L Organic Chemistry II Lab	PR-Cognate
PHI 115 Contemporary Moral Issues	3	C	PHIL 211 Contemporary Moral Issues	CR-Fine Arts or Humanities
MUS 105 Music Appreciation or ART 101 Art History and Appreciation or THE 101 Introduction to Theatre	3	C	MUSC 110 Introduction to Music or ARTE 101 Introduction to Art or THEA 200 Understanding and Appreciation of Theatre	CC-AIU
Semester Five (16-17 Credit Hours)				
BIOL 301 (& optional Lab) – Ecology & Evolution or BIOL 302 (& optional Lab)– Cell & Molecular Bio. or BIOL 303 Fundamental Genetics	3-4	C		MR/INT
Physiology or Plant Biology course	3	C		MR
STAT 205 Elem. Stat. for the Biol. & Life Sciences	3			CR
Foreign language or other Carolina Core Requirement	3			CC-GFL
Cognate Course	4	C		PR
Semester Six (15-17 Credit Hours)				
BIOL 301 (& optional Lab) – Ecology & Evolution or BIOL 302 (& optional Lab)– Cell & Molecular Bio. or BIOL 303 Fundamental Genetics	3-4	C		MR/INT
Physiology or Plant Biology course	3	C		MR
Biological Sciences Elective (300-level and above)	3-4	C		MR
Foreign language or other Carolina Core Requirement	3			CC-GFL
Semester Seven (12-16 Credit Hours)				
BIOL 301 (& optional Lab) – Ecology & Evolution or BIOL 302 (& optional Lab)– Cell & Molecular Bio. or BIOL 303 Fundamental Genetics	3-4	C		MR/INT
Biological Sciences Elective (500-level and above)	3	C		MR
CSCE 102 General Applications Programming	3			CR
History (non-US)	3			CR
Foreign language (only if needed to meet 122-level of Foreign Language)	0-3			CR

Semester Eight (13-16 Credit Hours)			
Biological Sciences Elective and lab (500-level and above)	4	C	MR
Biological Sciences Elective (300-level and above)	3	C	MR
Social Science	3		CR
Approved Elective	3		PR
Carolina Core Requirement or Approved Elective (only if needed to meet CC or hours to graduate)	0-3		CC/PR

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the [Carolina Core](#) page on the University website.

Codes:			
CC	Carolina Core	CC-INF	Carolina Core – Information Literacy
CC-AIU	Carolina Core-Aesthetic and Interpretive Understanding	CC-INT	Carolina Core – Integrative Course
CC-ARP	Carolina Core-Analytical Reasoning and Problem-Solving	CC-SCI	Carolina Core – Scientific Literacy
CC-CMS	Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component	CC-VSR	Carolina Core – Values, Ethics, and Social Responsibility
CC-CMW	Effective, Engaged, and Persuasive Communication: Written Component	CR	College Requirement
CC-GFL	Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language	MR	Major Requirement
CC-GHS	Carolina Core – Historical Thinking	PR	Program Requirement
CC-GSS	Carolina Core – Social Sciences		