UNIVERSITY OF South Carolina

MIDLANDS TECHNICAL COLLEGE

Direct Transfer Track: Associate in Science with Concentration in Pre-Professional Sciences to Bachelor of Science in Biological Sciences
Bulletin Year: 2025-2026

This course plan provides a recommended sequence for this major. For detailed degree requirements, please refer to the University of South Carolina Bulletin. Additionally, reach out to your academic advisor at Midlands Technical College for assistance in navigating coursework in your MTC program of study. Your University of South Carolina advisor will help with course selection and planning for upcoming semesters after transfer.

Course Subject and Title	Credit Hours	Min. Grade	USC Equivalent Course	USC Degree Applicability
Semester One (16 Credit Hours)				
COL 101 College Orientation	1		Not Transferrable	Not Degree Applicable
ENG 101 English Composition I	3	C	ENGL 101 Critical Reading and Composition	CC-CMW
BIO 101 Biological Science I	4	C	BIOL 101 & 101L Biological Principles I & Lab	CC-SCI
MAT 110 College Algebra	4	C	MATH 111 Basic College Mathematics	PR-Elective
CHM 110 College Chemistry	4	C	CHEM 111 & 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
MAT 111 College Trigonometry	3	C	MATH 112 Trigonometry	Not degree applicable
BIO 102 Biological Science II	4	C	BIOL 102 & 102L Biological Principles II & Lab	CC-SCI
CHM 111 College Chemistry II	4	C	CHEM 112 & 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)				
CHM 211 Organic Chemistry I	4	C	CHEM 333 & 331L Organic Chemistry I & Lab	PR-Supporting Course
SPC 205 Public Speaking	3	C	SPCH 140 Public Communication	CC-CMS
MAT 140 Analytical Geometry and Calculus I	4	C	MATH 141 Calculus I	CC-ARP
PSC 201 American Government	3	C	POLI 201 American National Government	CC-GSS/VSR/FD
CPT 114 Computers and Programming or IST 225 Internet Communications	3	C	UNEL 001T University Elective or ITEC 362 Web-Based Support Systems	PR-Elective
Semester Four (14 Credit Hours)				
MAT 141 Analytical Geometry & Calculus II	4	C	MATH 142 Calculus II	CC-ARP
CHM 212 Organic Chemistry II	4	C	CHEM 334 & 332L Organic Chemistry II & Lab	PR-Elective
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 & Appreciation of Theatre	CC-AIU
Semester Five (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
Physiology *or* Plant Biology Course	3-4	C		MR
STAT 205 Elem. Stat. for the Biol. & Life Sciences	3			CR
Foreign Language *or* other Carolina Core Requirement	3			CC-GFL
History *(non-U.S.)*	3			CR
Semester Six (12-14 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
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 (12-13 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
Biological Sciences Elective *(400-699 level)*	3	C		MR
CSCE 102 General Applications Programming	3			CR
Foreign Language *(only if needed to meet 122-level of foreign language) or* Approved Elective	3			CR/PR
Semester Eight (12-16 Credit Hours)				
Biological Sciences Elective *(400-699 level)*	3-4	C		MR
Biological Sciences Elective *(300-level and above)*	3-4	C		MR
Social Science	3			CR
Carolina Core Requirement VSR	3			CC-VSR
Approved Elective *(only if needed to meet hours to graduate)*	0-2			PR

Renewed: May 2025

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please 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.

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	**FD**	Founding Documents