



**Transfer Advising Guide: SCTCS Associate in Science 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 your technical college for assistance in navigating coursework in your college 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
<b>Semester One (17-18 Credit Hours)</b>				
ENG 101 English Composition I	3	C	ENGL 101 Critical Reading & Composition	CC- CMW
MAT 130 Elementary Calculus or MAT 140 Analytical Geometry & Calculus I	3-4	C	MATH 122 Calculus for Bus Adm & Soc Sci or MATH 141 Calculus I	CC- ARP
BIO 101 Biological Science I	4	C	BIOL 101/ 101L Biological Principles I w/Lab	CC- SCI
CHM 110 College Chemistry I	4	C	CHEM 111/ 111L General Chemistry I w/Lab	PR
MUS 105 Music Appreciation or ART 101 Art History & Appreciation or THE 101 Intro to Theatre	3	C	MUSC 110 Intro to Music or ARTE 101 Intro to Art or THEA 200 Understanding & Appreciation of Theatre	CC- AIU
<b>Semester Two (17-18 Credit Hours)</b>				
ENG 102 English Composition II	3	C	ENGL 102 Rhetoric Composition	CC- CMW
MAT 141 Analytical Geometry & Calculus II or MAT 185 Finite College Mathematics	3-4	C	MATH 142 Calculus II or MATH 170 Finite Mathematics	CC- ARP
BIO 102 Biological Science II	4	C	BIOL 102/ 102L Biological Principles II w/Lab	CC- SCI
CHM 111 College Chemistry II	4	C	CHEM 112/ 112L General Chemistry II w/Lab	PR
PSY 201 General Psychology or REL 101 Intro to Religion or SOC 101 Intro to Sociology	3		PSYC 101 Intro to Psychology or RELG 101 Exploring Religion or SOCY 101 Intro to Sociology	CC- GSS
Course Subject and Title	Credit Hours	Min. Grade	SCTCS Equivalent Course	USC Degree Applicability
<b>Semester Three (15 Credit Hours)</b>				
CSCE 102 General Applications Programming	3		CPT 111 Basic Programming I	CR-ARP
PSYC 101 Intro to Psychology or RELG 101 Exploring Religion or SOCY 101 Intro to Sociology	3		PSY 201 General Psychology or REL 101 Intro to Religion or SOC 101 Intro to Sociology	CR-GSS
STAT 205 Elementary Stat for BIOL & Life Sci	3		No SCTCS Equivalent	CR-ARP
HIST 111 US History to 1865 or HIST 112 US History since 1865	3		HIS 201 American History: Disc. To 1877 or HIS 202 American History: 1877 to present	CC- GHS/FD CC-GHS
Foreign Language or Carolina Core Requirement ***	3		Equivalent Language Course ***	CC- GFL
<b>Semester Four (16-17 Credit Hours)</b>				
BIOL 301 Ecology & Evolution or BIOL 302 Cell & Molecular BIOL or BIOL 303 Fundamental Genetics	3-4	C	No SCTCS Equivalent	MR
CHEM 333 & 331 Lab- Organic Chemistry I	4		CHM 211 Organic Chemistry I	PR
Approved Elective ***	3		Equivalent Elective if Applicable ***	PR
HIST 101 Eur Civ: Ancient- Mid 17 <sup>th</sup> Cent or HIST 102 Eur Civ: From Mid 17 <sup>th</sup> Cent	3		HIS 101 Western Civ to 1689 or HIS 102 Western Civ Post 1689	CR
Foreign Language or Carolina Core Requirement ***	3		Equivalent Language Course ***	CC- GFL
Course Subject and Title	Credit Hours	Min. Grade	SCTCS Equivalent Courses (where applicable)	USC Degree Applicability
<b>Semester Five (15-16 Credit Hours)</b>				
BIOL 301 Ecology & Evolution or BIOL 302 Cell & Molecular BIOL or BIOL 303 Fundamental Genetics	3-4	C	No SCTCS Equivalent	MR
Physiology or Plant Biology Course	3	C	No SCTCS Equivalent	MR
Humanities or Fine Arts ***	3		Equivalent If Applicable***	CR
Approved Elective ***	3		Equivalent Elective if Applicable ***	PR
Foreign Language or Carolina Core Requirement ***	3		Equivalent Language Course ***	CR/ CC
<b>Semester Six (15-17 Credit Hours)</b>				
BIOL 301 Ecology & Evolution or BIOL 302 Cell & Molecular BIOL or BIOL 303 Fundamental Genetics	3-4	C	No SCTSC Equivalent	MR
Physiology or Plant Biology Course	3	C	No SCTSC Equivalent	MR
Biological Science Elective	3-4	C	No SCTCS Equivalent	MR
Approved Elective ***	3		Equivalent if Applicable ***	PR
Approved Elective ***	3		Equivalent if Applicable ***	PR

<b>Semester Seven (12-14 Credit Hours)</b>				
Biological Science Elective	3-4	C	No SCTSC Equivalent	MR
Biological Science Elective	3-4	C	No SCTSC Equivalent	MR
Carolina Core Req.- CMS ***	3		Equivalent if Applicable ***	CC-CMS
Approved Elective ***	3		Equivalent if Applicable ***	PR
<b>Semester Eight (10- 13 Credit Hours)</b>				
Biological Science Elective and Lab	4	C	No SCTSC Equivalent	MR
Approved Elective ***	3		Equivalent if Applicable ***	PR
Carolina Core Req.- VSR ***	3		Equivalent if Applicable ***	CC-VSR
Approved Elective (if needed) ***	3		Equivalent if Applicable ***	PR

\* Additional courses may be transferred.

For more information about program requirements please visit <https://academicbulletins.sc.edu/undergraduate/programs-az/> and the course equivalency transfer table at [https://banner.onecarolina.sc.edu/BannerExtensibility/customPage/page/z\\_spg\\_codes-transferequiv?mepCode=COL](https://banner.onecarolina.sc.edu/BannerExtensibility/customPage/page/z_spg_codes-transferequiv?mepCode=COL) to determine how additional courses may transfer from your institution.

\*\*Not all USC majors offer Transfer Advising Guides. The university's top transfer majors were selected for these guides.

\*\*\* In Resident Requirement: The last 25% of a student's degree must be completed in residence at the University of South Carolina, and at least half of the hours in the student's major course and in the student's minor courses (if applicable) must be taken at the University.

\*\*\*\* Transfer credits to USC must be from regionally accredited institutions for academic courses completed with grades of **C-** or better.

Disclaimer: Transfer Advising guides 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.

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