



ST. CLOUD STATE UNIVERSITY

SCTCC Biology Transfer Pathway to SCSU B.S. in Biology: Biodiversity, Ecology & Evolution



BIOLOGY TRANSFER PATHWAY AS TO BS IN BIOLOGY: BIODIVERSITY, ECOLOGY & EVOLUTION TRANSFER GUIDE

This guide is designed to help students who are pursuing the Biology Transfer Pathway AS at SCTCC and want to receive a B.S. in Biology: Biodiversity, Ecology & Evolution degree at SCSU. A minimum of 60 college-level credits with a 2.0 GPA is required to complete the Biology Transfer Pathway AS degree.

BIOLOGY TRANSFER PATHWAY A.S. AT ST. CLOUD TECHNICAL & COMMUNITY COLLEGE (60 CREDITS)

RECOMMENDED MNTC COURSES at SCTCC:

Goal #: Minnesota Transfer Curriculum - MnTC	Credits	SCSU Equivalent Course	Credits
Goal 1: ENGL 1312 Analytical Writing	4	ENGL 191 Analytical and Rhetorical Writing	4
Goal 1: CMST 1320 Introduction to Communication Studies	3	CMST 192	3
Goal 3: BLGY 1351 General Biology I	4	BIOL 151 Cell Function and Inheritance	4
Goal 3: BLGY 1355 General Biology II	4	BIOL 152 Organismal Diversity	4
Goal 3: BLGY 2330 Microbiology OR BLGY 2350 Cellular Biology OR BLGY 2360 Ecology	4	BIOL 206 or BIOL 360 or BIOL 312	4
Goal 3: CHEM 1350 General Chemistry I	4	CHEM 210 General Chemistry I	4
Goal 3: CHEM 1355 General Chemistry II	4	CHEM 211 General Chemistry II	4
Goal 4: Select 2 of the following courses: MATH 1360, MATH 1370, MATH 1380, MATH 2321, MATH 2330, MATH 2340, MATH 2350	6	Goal Area 4 Requirement	6
Goal 5: History, and the Social & Behavioral Sciences – 1 course	3	Goal Area 7 Requirement	3
Goal 6: Humanities and the Fine Arts – 1 course	3	Goal Area 9 Requirement	3

REQUIRED BIOLOGY PATHWAY COURSES at SCTCC:

SCTCC Biology Pathway Courses
In addition to the above courses, select credits to complete the 60 total credits the Transfer Pathway requires. They can be additional MnTC courses or any other college level course. Please consult with your advisor. Useful elective credits within the sciences may include: Geology, Calculus, Anatomy and Physiology, Organic Chemistry I and II, Physics, Environmental Science, and Statistics.

TRANSFER PROCESS

All transfer students should follow the admission procedures located at www.stcloudstate.edu/transfer to be admitted to St. Cloud State University.

****Please work with your SCTCC advisor as well as a SCSU Transfer Specialist to be sure you are meeting all specified requirements to transfer into the BS in Biology: Biodiversity, Ecology & Evolution degree at SCSU.**



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Classes are scheduled for full-time students to complete in 2 years; part-time students will need more time. For assistance with planning students should schedule an appointment with their advisor.

SCSU BS in BIOLOGY: BIODIVERSITY, ECOLOGY & EVOLUTION COURSE PLANNING

YEAR 3			
Fall 1	Cr.	Spring 1	Cr.
BIOL 222 Careers in Natural Resources	2	STAT 239 Statistical Methods I for Natural Sciences	3
BIOL 306 Plant Biology	4	BIOL 339 Statistical Design	1
Goal Area 2/6: CMST 306 Rhetoric in Popular Culture	3	BIOL 308 General Zoology	4
Goal Area 5/9: SOC 111 Social Problems	3	BIOL 312 General Ecology or BIOL 362 General Microbiology	4
Goal 7 Elective	3	Goal Area 8/10: ETS 185 Energy Resources and Issues	3

YEAR 4			
Fall 2	Cr.	Spring 2	Cr.
Evolution and Biodiversity Elective: Choose TWO from: BIOL 314, 316, 318, 322, 324, 414, 420, 422, 430, 434, 457, 460, 465, 475 or GEOG 473	6-8	Quantitative and Technical Course: Choose from: GEOG 216, 316; STAT 321, 325, 421; MATH 221, 222; BIOL 466; CSCI 172	1-4
Conservation & Management Elective: Choose TWO from: BIOL 313, 326, 418, 436, 441, 442, 448, 461, 491; ETS 367, 368, 465; GEOG 303, 379	6-8	BIOL 456 Biological Evolution	3
Quantitative and Technical Course: Choose from: GEOG 216, 316; STAT 321, 325, 421; MATH 221, 222; BIOL 466; CSCI 172	1-4	Program Electives: Choose THREE from: [Evolution and Biodiversity] BIOL 314, 316, 318, 322, 324, 414, 420, 422, 430, 434, 457, 460, 465, 475 or GEOG 473 or [Conservation & Management] BIOL 313, 326, 418, 436, 441, 442, 448, 461, 491; ETS 367, 368, 465; GEOG 303, 379	9-12

BIOLOGY: BIODIVERSITY, ECOLOGY & EVOLUTION NOTES

- Students will need to complete the Racial Issues Graduation Requirement (RIGR)
- CMST 306 is advised; any course designated to meet both Goal 2 and Goal 6 is acceptable.
- SOC 111 is advised; any course designated to meet both Goal 5 and Goal 9 is acceptable.
- CHEM 240 will be waived based on completion of two General Chemistry Courses as part of the Biology Transfer Pathway.
- ETS 185 is advised; any course designated to meet both Goal 8 and Goal 10 is acceptable.
- BIOL 312 will be waived based on the completion of the Biology Transfer Pathway lower-division elective course Ecology with Lab
- BIOL 362 will be waived based on the completion of either Microbiology with Lab or Cell Biology with Lab from the Biology Transfer Pathway lower-division elective course.
- Additional free elective credits may be needed if the selections from the 4th year satisfy the requirements but add up to fewer than 30 total credits.

***This guide is for planning purposes only. It provides a suggested path toward completing the outlined bachelor's degree. Students should consult with their advisor to determine an appropriate path for them to meet all graduation requirements.