



Biology Transfer Program

Students who complete an Associate of Science (A.S) degree at Southern State Community College may transfer into the Bachelor of Science (B.S) or the Bachelor of Arts (B.A.) in Biology at Wright State University. Students should verify their satisfactory academic program (SAP) requirements with the Office of Financial Aid before pursuing classes outside of the associate degree requirements.

Admission Requirements to the Biology Program at Wright State

1. Cumulative GPA of 2.25,
2. 15 credit hours earned, and
3. Grade of C or higher in BIO 1120 or 1150 equivalency.

This agreement will expire two years from date of signature.

**Southern State Community College
to
Wright State University – Biology**

Southern State Course	Credit Hours	Wright State Course/Requirement
English/Communications – 9 hours		
ENGL 1101 English Composition I	3	ENG 1100
ENGL 1102 English Composition II	3	ENG 2100
COMM 1115 Fundamentals of Speech	3	COM 1010 (Non-science Elective)
Social Sciences 9 hours		
Choose any 3 OTM approved Courses (Select two courses from different disciplines)	9	Social Science Core and Non-science Elective
Math & Science – 16 hours		
MATH 1141 College Algebra	3	MTH 1280
MATH 2281 Introduction to Statistics	3	STT 2640 (B.A: Math Core)
BIOL 1101 Principles of Biology I	5	BIO 1120 (Natural Science Core)
BIOL 1102 Principles of Biology II	5	BIO 1150 (Natural Science Core)
Arts and Humanities – 9 hours		
Choose any 3 OTM Courses	9	Arts/Humanities Core, Global Studies Core, History Core
Electives – 20 hours		
CHEM 1151/1161 First Year Chemistry I/ Lab	5	CHM 1210/1210L (Additional Core)
CHEM 1152/1162 First Year Chemistry II/ Lab	5	CHM 1220/1220L (Additional Core)
PHY 2201/2211 College Physics I/Lab	5	PHY 1110/1110L
PHY 2202/2212 College Physics II/Lab	5	PHY 1120/1120L
TOTAL: 63		

NOTE: Students who complete the Ohio Transfer Module at Southern State will have met the requirements for the Wright State Core. Students must complete at least two designated Integrated Writing courses in the major.

The following additional coursework will be required to complete the B.A. in Biological Science at Wright State University.

Course Number and Title	Credit Hours
BIO 2100 Sophomore Seminar	1
BIO 2110 Principles of Molecular and Classical Genetics	3
BIO 2120 Principles of Cell Biology	3
BIO 2130 Molecular Biology Lab	2.5
BIO 2140 Cell Biology Lab	2.5
BIO 2310 Principles of Ecology and Evolution	4
Senior Capstone Experience (Select one Course)	1-3
CHM 2110/2110L Organic Chemistry I with Lab	5
CHM 2120/2120L Organic Chemistry I with Lab	5
Non-Science Electives Note: At least 4 of the hours must be at the 3000/4000 level	13
Upper-Level Life Science Electives	15
General Electives	3-5
Total	60

The following additional coursework will be required to complete the B.S. in Biological Science at Wright State University. Southern State equivalents are identified for students wishing to complete additional hours beyond the associate before transferring to Wright State.

Course Number and Title	Credit Hours
MTH 2240 Applied Calculus or MTH 2300 Calculus I (<i>Southern State's MATH 2221</i>)	4
BIO 2100 Sophomore Seminar	1
BIO 2110 Principles of Molecular and Classical Genetics	3
BIO 2120 Principles of Cell Biology	3
BIO 2130 Molecular Biology Lab	2.5
BIO 2140 Cell Biology Lab	2.5
BIO 2310 Principles of Ecology and Evolution	4
Senior Capstone Experience (Select one Course)	1-3
CHM 2110/2110L Organic Chemistry I with Lab	5
CHM 2120/2120L Organic Chemistry I with Lab	5
Upper-Level Life Science Electives	30
Total	61-63

The following additional coursework will be required to complete the B.S. in Biological Science with the Applied Physiology focus at Wright State University. Southern State equivalents are identified for students wishing to complete additional hours beyond the associate before transferring to Wright State.

Course Number and Title	Credit Hours
MTH 1350 Geometry and Trigonometry or MTH 2240 Applied Calculus	3-4
BIO 1010 Medical Terminology	3
BIO 2100 Sophomore Seminar	1
BIO 2140 Cell Biology Lab	2.5
Senior Capstone Experience (Select one Course)	1-3
CHM 2110/2110L Organic Chemistry I with Lab	5
CHM 2120/2120L Organic Chemistry I with Lab	5
ANT 3100/L Human Structure and Function I	4
ANT 3120/L Human Structure and Function II	4
Applied Physiology Core	20
College of Science and Mathematics Electives	12
Total	60.5-64.5