



444 West Third Street
Dayton, OH 45402



3640 Colonel Glenn Hwy
Dayton, OH 45435-0001

Biology Baccalaureate Completion Program

Students who complete an **AS degree** in Biology at Sinclair Community College may transfer into the Biological Sciences B.S. with Applied Physiology Option program at Wright State University. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their AS.

Admission Requirements to the Biology Program at Wright State

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

Additional Information

- Academic information, advisor contacts, and faculty research can be found at www.wright.edu/biology.
- All science and math courses require a grade of C or better to count towards the bachelor's degree.

This agreement will expire two years from date of signature.

Thomas Sudkamp 6/15/15

Dr. Thomas Sudkamp
Vice President for Curriculum and Instruction
Wright State University

David L. Collins 6/19/15

Dr. David L. Collins
Provost
Sinclair Community College

**Sinclair Community College – Biology AS Degree
to
Wright State University – Biology BS Degree, Applied Physiology Option**

Sinclair Course	Credit Hours
BIO 1171 Principles of Biology I	5
BIO 1272 Principles of Biology II	5
BIO 2222 Evolution	3
BIO 2225/2226 Ecology	4
BIO 2235/2236 Genetics with Lab	4
CHE 1211 General Chemistry I	5
CHE 1221 General Chemistry II	5
Choose one: COM 2206 Interpersonal Communication OR COM 2211 Effective Public Speaking OR COM 2225 Small Group Communication	3
ENG 1101 English Composition I	3
ENG 1201 English Composition II	3
MAT 1450 Introductory Statistics	4
MET 1131 Personal Computer Applications for Engineering Technology	1
SCC 1101 First Year Experience	1
XXX Multicultural Elective	3
XXX Ohio Transfer Module: Arts & Humanities Elective	6
XXX Ohio Transfer Module: Behavioral & Social Sciences Elective	6
TOTAL: 61	

Wright State Course/Requirement	Credit Hours
BIO 1120 Cells and Genes	4
BIO 1150 Organisms and Ecosystems	4
General Elective (*)	3
BIO 2310 Principles of Ecology and Evolution, with lab (General Elective (**))	4
BIO 2110 Principles of Molecular and Classical Genetics (General Elective (**))	3
CHM 1210/1210L General Chemistry I/Lab	5
CHM 1220/1220L General Chemistry II/Lab	5
General Elective (*): COM 2020 Interpersonal Communication OR COM 1010 Essentials of Public Address OR COM 2410 Small-Group Communication	3
ENG 1100 Academic Writing and Reading	3
ENG 2100 Research and Argument	3
STT 2640	4
General Elective (*)	1
General Elective (*)	1
Wright State Core, Element 3	3
Wright State Core, Elements 3 & 4	6
Wright State Core, Element 5	6
Total: 61	

(*) Six and a half hours of general electives are required, which are all satisfied by the A.S. program. Not all required AS degree hours will apply toward the Bachelor's degree program.

By completing the AS degree in Biology and the Ohio Transfer Module at Sinclair, students will have met the requirements for the Wright State Core. However, students will still need to complete any remaining courses required by the department within the Wright State Core. Students must also complete at least two designated Integrated Writing courses in the major at Wright State. If students complete Sinclair's BIO 2130 and 2310 equivalencies, the Biology Department will help them identify two other Integrated Writing courses in the major to fulfill this requirement.

The following additional coursework will be required to complete the BS in Biology, Applied Physiology option program at Wright State University. Sinclair equivalents are identified for students wishing to complete additional hours beyond the AS before transferring to Wright State. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their AS.

Course Number and Title	Credit Hours
DEPARTMENT REQUIREMENTS WITHIN WRIGHT STATE CORE	
MTH 1350 Geometry and Trigonometry or MTH 2240 Applied Calculus Note: Wright State strongly recommends completing the math sequence without taking a break between math courses.	3-4
DEPARTMENT REQUIREMENTS	
BIO 1010 Medical Terminology	3
BIO 2100 Sophomore Seminar	1
BIO 2120 Principles of Cell Biology	3
BIO 2130 Molecular Biology Lab (<i>Sinclair BTN 2230</i>) or BIO 2140 Cell Biology Lab (<i>Sinclair BTN 1140 & BTN 2210</i>)	2.5
Senior Capstone Experience: Choose one of the following: BIO 4000, BIO 4020 (IW), BIO 4920	1-3
Applied Physiology Core Courses: 3000/4000 level courses completed at Wright State from an approved list	20
REQUIRED SUPPORTING COURSES	
CHM 2110/2110L Organic Chemistry I/Lab (<i>Sinclair CHE 2111</i>)	5
CHM 2120/2120L Organic Chemistry II/Lab (<i>Sinclair CHE 2121</i>)	5
PHY 1110/1110L Principles of Physics I (<i>Sinclair PHY 1141</i>)	5
PHY 1120/1120L Principles of Physics II (<i>Sinclair PHY 1142</i>)	5
ANT 3100 Human Structure and Function I	4
ANT 3120 Human Structure and Function II	4
COSM ELECTIVES	
PSY 2430 (3) Psychology of Aging PSY 3010 (4) Research Methods PSY 3090 (3) Health Behavior PSY 3110 (3) Abnormal Psychology (<i>Sinclair PSY 2217</i>) PSY 3410 (3) Lifespan Development (<i>Sinclair PSY 2200</i>) PSY 3910 (3) Behavioral Neuroscience I BMB 2500 (3) Human Nutrition BMB 4210 (3) Biochemistry I BMB 4230 (3) Biochemistry II BIO 4990 (1-5) if EXB 4660 not taken	12
Total	73.5-76.5