

TRANSFER ARTICULATION AGREEMENT

Sinclair College

Associate of Science, Biology

to

University of Cincinnati, College of Arts & Sciences

Bachelor of Science, Biology



Originating Institution: Sinclair College

Degree/Program: Associate of Science / Biology

Target Institution: University of Cincinnati / College of Arts & Sciences

Degree/Program: Bachelor of Science / Biology

Introduction: This agreement details the applicability of courses from the Sinclair College AS Biology to the BS Biology in the UC College of Arts & Sciences. Students who complete the AS Biology at Sinclair College have satisfied the UC General Education requirement.

Articulation Overview: Graduates from Sinclair College who have followed the prescribed program and are accepted into the College of Arts & Sciences will enter with 61 hours of transfer credit applicable toward the BS Biology degree.

Admission Criteria: *Note: completing the courses on the appendices below does not guarantee admission to the UC BS Biology program.

Minimum GPA: 2.0

BS Completion: Completion of this program may require more than four semesters to complete due to prerequisite requirements and the order in which required courses must be taken and are offered. UC academic advising staff will work with each transfer student to develop the most expedient pathway to graduation.

Admission Period: Sinclair College students must be admitted to the UC College of Arts & Sciences during the duration of this agreement (i.e. between June 2023 and July 2026).

Agreement Execution Date: June 2023

Agreement End Date: July 2026

EXECUTION, DURATION AND REVIEW OF AGREEMENT:

This agreement becomes effective upon its signing by the appropriate signatories at both Colleges and will remain effective for three years. At the end of this time, the agreement will be reviewed and may be renegotiated. Sinclair College and the UC College of Arts & Sciences agree to keep one another informed as program changes affecting the agreement occur. Both Colleges will agree upon any future additions and/or amendments to this document in writing.

This agreement will be reviewed on an annual basis and is subject to change due to revisions in program curriculum.

Sinclair College students are encouraged to work closely with their academic advisor to monitor possible changes.

SEE ATTACHED APPENDICES FOR COURSE EQUIVALENCIES AND SAMPLE TRANSFER DEGREE MAPS.

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Associate of Science, Biology

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Bachelor of Science, Biology



signed via DocuSign on 7/14/2023

Anthony Ponder, Ed.D. [date]
Senior Vice President & Provost
Sinclair College

signed via DocuSign on 7/14/2023

Margaret M. Hanson, PhD [date]
Interim Dean
College of Arts & Sciences
University of Cincinnati

signed via DocuSign on 7/14/2023

Theresa Culley, PhD [date]
Department Head, Biological Sciences
College of Arts & Sciences
University of Cincinnati

signed via DocuSign on 7/14/2023

LaSharon D. Mosley, PhD [date]
Undergraduate Director, Biological Sciences
College of Arts & Sciences
University of Cincinnati

Primary Contact Person for this Agreement:

	Sinclair College	University of Cincinnati
Name	Janeil Bernheisel	Rachel Fulton
Title	Manager of Curriculum, Transfer and Articulation	Sr Transfer & Articulation Specialist College Credit Services, Enrollment Management
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Mailing Address	Sinclair Community College Provost Office 444 W. Third Street Dayton, OH 45402	College Credit Services University Pavilion 120 PO Box 210202 Cincinnati, Ohio 45221-0202

Transfer Degree Map

FROM

Sinclair Community College
Associate of Science (AS)
Biology

TO

University of Cincinnati
College of Arts & Sciences
Bachelor of Science (BS)
Biology

This agreement is valid from **June 2023** to **July 2026**

Admissions & Deadlines

Transfer Admissions Information: admissions.uc.edu/information/transfer

Admission Criteria:

- Completion of the courses on this worksheet does not guarantee admission to the UC program.
- Students who complete the AS Biology at Sinclair Community College have partially satisfied the UC General Education requirement.
- Students must be admitted to the UC College of Arts & Sciences during the duration of this agreement.
- Minimum GPA: 2.0

Tuition & Scholarships

General Tuition & Fees: uc.edu/bursar/fees

Scholarships for transfer students: financialaid.uc.edu/sfao/scholars/transfer

Contact Information

UC admissions questions:

Undergraduate Admissions

Web: admissions.uc.edu

Email: transfer@uc.edu

Pre-transfer and transition advising at UC:

Transfer & Transition Advising Center

Web: uc.edu/transferadvising

Email: transfer@uc.edu

Details of this agreement or equivalencies:

Rachel Fulton, Sr Transfer & Articulation Specialist,
College Credit Services, credeval@uc.edu

More Information

BS Biology majors in the College of Arts & Sciences:

<https://www.artsci.uc.edu/departments/biology.html>

Experience Based Learning (Internships & Cooperative Education):

<https://www.uc.edu/experience-based-learning.html>

General information about the University of Cincinnati: uc.edu

Curriculum Equivalencies

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the AS Biology and remaining UC courses for the BS Biology). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic advisor. For details beyond course planning, please consult with your academic advisor or the Transfer & Transition Advising Center.

SEMESTER 1 (Fall)					
Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 1171	Principles of Biology I	5	BIOL 1081 + BIOL 1081L	Biology I + Biology I Lab + <i>Free Elective</i>	3 +1 +1
CHE 1211 + CHE 1251	General Chemistry I <i>and</i> Lab for General Chemistry I	5 0	CHEM 1040 + CHEM 1040L	General Chemistry I + General Chemistry I Lab	4 +1
MAT 1450	Introductory Statistics (<i>OT36 Mathematics Elective</i>)	4	STAT 1034	Elementary Statics I + <i>1cr Free Elective</i>	3 +1
SCC 1101	First Year Experience	1		Free Elective	1

SEMESTER 2 (Spring)					
Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 1272	Principles of Biology II	5	BIOL 1082 + BIOL 1082L	Biology II + Biology II Lab + <i>1cr Free Elective</i>	3 +1 +1
CHE 1221 + CHE 1261	General Chemistry II <i>and</i> Lab for General Chemistry II	5 0	CHEM 1041 + CHEM 1041L	General Chemistry II + General Chemistry II Lab	4 +1
ENG 1101	English Composition I	3	ENGL 1001	English Composition	3
MET 1131	Personal Computer Applications for Engineering Technology	1	MET 1000BLOCK	Mech. Eng. Tech 1000 Level Credit (<i>free elective</i>)	1

SEMESTER 3 (Fall)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 2225 + BIO 2222	Ecology + Evolution	4 +3	BIOL 2084C	Ecology & Evolution + <i>Free Elective</i>	4 + 3
ENG 1201	English Composition II	3	ENGL 2089	Intermediate Composition	3
	Social/Behavioral Science Elective Any course except HIS 2219, PSY 2228	3		<i>Social Science Elective</i>	3
	Social/Behavioral Science Elective Choose HIS 2219, PLS 1120 or 1232	3		<i>Historical Perspectives Elective</i>	3

SEMESTER 4 (Spring)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 2235 + BIO 2236	Genetics <i>and</i> Lab for Genetics	4 0	BIOL 2083	Genetics + <i>Free Elective</i>	3 + 1
	Arts & Humanities Elective 2 Any course except HIS, ART, DAN, MUS, or THE courses	3		<i>Humanities Elective</i>	3
	Arts & Humanities Elective 1 Any course except HIS courses	3		<i>Fine Arts or Humanities Elective</i>	3
COM 2206 or COM 2225	Interpersonal Communication or Small Group Communication	3	COMM 1076 or COMM 2021	Interpersonal Communication or Comm. in Problem Solving Groups (<i>Social Science Elective</i>)	3
SOC 2215	Race & Ethnicity (<i>Multicultural Elective</i>)	3	SOC 3073	Sociology of Race (<i>Diversity, Equity & Inclusion Elective</i>)	3

Total credits for AS Degree:	61	Total credits applied to BA Degree:	61
		Credits remaining to complete BA at UC:	59
		Total credits required for BA degree at UC:	120

RECOMMENDED COURSES *(included in UC remaining courses below)*

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
	Language Requirement	8-14		Language Requirement	6-12
CHE 2111	Organic Chemistry I	5	CHEM 2040 + CHEM 2040L	Organic Chemistry I and Lab	5
CHE 2121	Organic Chemistry II	5	CHEM 2041 + CHEM 2041L	Organic Chemistry II and Lab	5

Remaining Coursework at University of Cincinnati

The suggested course sequence below includes all remaining courses required for the BS Biology. Students may also choose to complete internships or cooperative education opportunities that are available. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic advisor. For details beyond course planning, please consult with your academic advisor or the Transfer & Transition Advising Center.

SEMESTER 5 (Fall)

Course ID	Course Title	Cr Hr
CHEM 2040+L or CHEM 2030+L	Organic Chemistry I and Lab Or Survey of Biochemistry I and Lab <i>(only if student did not take recommended CHE 2111 prior to transfer)</i>	5 5
BIOL 3XXX+	Upper-Level Biology Elective	3
	Foreign Language Elective <i>(only if student did not take recommended languages prior to transfer)</i>	3 or 5
MATH 1044 or MATH 1061	Applied Calculus I or Calculus 1	3 4
BIOL 2061	Professionalism, Purpose, and Careers in Biology	2
Term Credits		16-19

SEMESTER 6 (Spring)

Course ID	Course Title	Cr Hr
CHEM 2041+L or CHEM 2031+L	Organic Chemistry I and Lab Or Survey of Biochemistry I and Lab <i>(only if student did not take recommended CHE 2121 prior to transfer)</i>	5 5
PHYS 1051+ 1051L or PHYS 2001 + 2001L	General Physics I (Algebra Based) and Lab College Physics I (Calculus Based) and Lab	5
BIOL 3XXX+	Upper-Level Biology Elective	3
	Foreign Language Elective <i>(only if student did not take recommended languages prior to transfer)</i>	3 or 5
Term Credits		16-18

SEMESTER 7 (Fall)

Course ID	Course Title	Cr Hr
BIOL 5050	Biology Capstone	1
BIOL 3XXX+	Upper-Level Biology Elective with Lab	4
PHYS 1052+ 1052L or PHYS 2002 + 2002L	General Physics II (Algebra Based) and Lab College Physics II (Calculus Based) and Lab	5
	Foreign Language Elective (<i>required if taking 12 credit series</i>) or Free Elective	3
	Free Elective (<i>dependent on Foreign Language sequence & Calculus selection</i>)	0-1
Term Credits		13-14

SEMESTER 8 (Spring)

Course ID	Course Title	Cr Hr
BIOL 3XXX+	Upper-Level Biology Elective	3
BIOL 3XXX+	Upper-Level Biology Elective with Lab	4
	Foreign Language Elective (<i>required if taking 12 credit series</i>) or Free Elective	3
	Historical Perspectives HIST Department Course	3
Term Credits		13

Genetics (BIOL 2083) is required for all majors and is a prerequisite for Cell Biology (BIOL 2085C).

Students wishing to take Ecology & Evolution (BIOL 2084C) should take Genetics (BIOL 2083) in the Spring Semester.

Organic Chemistry (CHEM 2040, 2040L, 2041, 2041L) are recommended for students interested in applying to professional schools such as medical, dental, veterinary, optometry, or podiatry, or graduate school in the biological sciences.