Transfer Degree Map

University of CINCINNATI

FROM		TO	
	Sinclair Community College **Associate of Science (AS)** **Biology**		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 + *Free Elective*	3 +1 +1
CHE 1211 + CHE 1251	General Chemistry I *and* Lab for General Chemistry I	5 0	CHEM 1040 + CHEM 1040L	General Chemistry I + General Chemistry I Lab	4 +1
MAT 1450	Introductory Statistics *(OT36 Mathematics Elective)*	4	STAT 1034	Elementary Statics I *+1cr Free Elective*	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 + *1cr Free Elective*	3 +1 +1
CHE 1221 + CHE 1261	General Chemistry II *and* 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 *(free elective)*	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 *+ Free Elective*	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		*Social Science Elective*	3
	Social/Behavioral Science Elective Choose HIS 2219, PLS 1120 or 1232	3		*Historical Perspectives Elective*	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 *and* Lab for Genetics	4 0	BIOL 2083	Genetics *+ Free Elective*	3 + 1
	Arts & Humanities Elective 2 Any course except HIS, ART, DAN, MUS, or THE courses	3		*Humanities Elective*	3
	Arts & Humanities Elective 1 Any course except HIS courses	3		*Fine Arts or Humanities Elective*	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 *(Social Science Elective)*	3
SOC 2215	Race & Ethnicity *(Multicultural Elective)*	3	SOC 3073	Sociology of Race *(Diversity, Equity & Inclusion Elective)*	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 *(only if student did not take recommended CHE 2111 prior to transfer)*	5 5
BIOL 3XXX+	Upper-Level Biology Elective	3
	Foreign Language Elective *(only if student did not take recommended languages prior to transfer)*	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 *(only if student did not take recommended CHE 2121 prior to transfer)*	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 *(only if student did not take recommended languages prior to transfer)*	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 *(required if taking 12 credit series)* *or* Free Elective	3
	Free Elective *(dependent on Foreign Language sequence & Calculus selection*	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 *(required if taking 12 credit series)* *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.