

# Transfer Degree Map

FROM

Sinclair Community College  
**Associate of Science, Biology**

TO

University of Cincinnati  
College of Arts & Sciences  
**Bachelor of Science, Biology**

This agreement is valid from **June 2020** to **June 2023**

## Admissions & Deadlines

**Transfer Admissions Information:** [admissions.uc.edu/information/transfer](https://admissions.uc.edu/information/transfer)

### Admission Criteria:

- Completion of the courses on this worksheet does not guarantee admission to the UC BS Biology program.
- Admission Period: 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](https://uc.edu/bursar/fees)

**Scholarships for transfer students:** [financialaid.uc.edu/sfao/scholars/transfer](https://financialaid.uc.edu/sfao/scholars/transfer)

## Contact Information

### UC admissions questions:

Undergraduate Admissions

Web: [admissions.uc.edu](https://admissions.uc.edu)

Email: [transfer@uc.edu](mailto:transfer@uc.edu)

### Pre-transfer and transition advising at UC:

Transfer & Transition Advising Center

Web: [uc.edu/transferadvising](https://uc.edu/transferadvising)

Email: [transfer@uc.edu](mailto:transfer@uc.edu)

### Details of this agreement or equivalencies:

Rachel Fulton, Sr Academic Evaluator, College Credit Services, [credeval@uc.edu](mailto:credeval@uc.edu)

## More Information

### Biology majors in the College of Arts & Sciences:

[artsci.uc.edu/departments/biology/undergrad](https://artsci.uc.edu/departments/biology/undergrad)

**General information about the University of Cincinnati:** [uc.edu](https://uc.edu)

## Curriculum Equivalencies

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the Sinclair Community College 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.

**SEMESTER 1**

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 1171	Principles of Biology 1	5	BIOL 1081 BIOL 1081L	Biology 1 + Lab (+1cr Free Elective)	4 (+1)
CHE 1211 + CHE 1251	General Chemistry 1 + Lab for General Chemistry I	5	CHEM 1040 + CHEM 1040L	General Chemistry 1	5
MAT 1450	Intro to Statistics (OTM Math Elective)	4	STAT 1034	Elementary Statistics 1 (+1cr Free Elec)	3 (+1)
SCC 1101	First Year Experience	1		Free Elective	1

**SEMESTER 2**

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 1272	Principles of Biology 2	5	BIOL 1082 + BIOL 1082L	Biology 2 + Lab (+1cr Free Elective)	4 (+1)
CHE 1221 + CHE 1251	General Chemistry 2 + Lab for General Chemistry 2	5	CHEM 1041 + CHEM 1041L	General Chemistry 2	5
ENG 1101	English Composition 1	3	ENGL 1001	English Composition	3
MET 1131	Personal Computer Applications for Engineering Technology	1	MET 1000BLOCK	MET 1000 Level Block Credit (counts as Free Elective)	1

**SEMESTER 3**

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 (+3cr Free Elective)	4 (+3)
ENG 1201	English Composition 2	3	ENGL 2089	Intermediate Composition	3
	Social/Behavioral Science Elective - any except HIS 2219, PSY 2228	3		Social Science Elective	3
	Social/Behavioral Science Elective - choose HIS 2219, PLS 1120, PLS 1232	3		Historical Perspectives Elective	3

**SEMESTER 4**

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
BIO 2235 + BIO 2236	Genetics + Lab for Genetics	4	BIOL 2083	Genetics	3

	Arts/Humanities Elective - any except HIS, ART, DAN, MUS, THE	3		Humanities Elective	3
	Arts/Humanities Elective - any except HIS courses	3		Humanities/Fine Arts Elective	3
COM 2206 or COM 2225	Interpersonal Communication Or Small Group Communication	3	COMM 1076 or COMM 2021	Intro to Interpersonal Comm or Comm Problem-Solving Groups (Social Science Elective)	3
SOC 2215	Race & Ethnicity (Multicultural Elec)	3	SOC 3073	Sociology of Race (DEI Elective)	3

### RECOMMENDED COURSES (included in remaining UC coursework below)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
XXX XXXX	Language Requirement	8-14	XXX XXXX	Language Requirement	6-12
CHE 2111	Organic Chemistry 1	5	CHEM 2040 + CHEM 2040L	Organic Chemistry 1 (+Lab)	5
CHE 2121	Organic Chemistry 2	5	CHEM 2041 + CHEM 2041L	Organic Chemistry 2 (+Lab)	5

Total transfer credits toward UC degree: **61**

Total credits required for bachelor's degree at UC: **120**

### Remaining Coursework at University of Cincinnati

#### SEMESTER 5

Course ID	Course Title	Cr Hr
CHEM 2040+L or CHEM 2030+L	Organic Chemistry 1 + Lab or Survey Biochemistry 1 + Lab (only if student did not take recommended CHE 2111 prior to transfer)	5
	Foreign Language Elective (only if student did not take recommended Languages prior to transfer)	3-5
	Math Elective – choose one: STAT 1035, MATH 1044, or MATH 1061	3

#### SEMESTER 6

Course ID	Course Title	Cr Hr
CHEM 2041+L or CHEM 2031+L	Organic Chemistry 2 + Lab or Survey Biochemistry 2 + Lab (only if student did not take recommended CHE 2111 prior to transfer)	5
PHYS 1051+L or PHYS 2001+L	General Physics 1 (Algebra Based) + Lab or College Physics 1 + Lab	5
	Foreign Language Elective (only if student did not take recommended Languages prior to transfer)	3-5

## SEMESTER 7

Course ID	Course Title	Cr Hr
BIOL 5050	Biology Capstone	1
BIOL 3XXX+	Upper Level Biology Courses	3
PHYS 1052+L or PHYS 2002+L	General Physics 2 (Algebra Based) + Lab or College Physics 2 + Lab	5
	Foreign Language or Elective (Elective if you have earned 10cr FL)	3

## SEMESTER 8

Course ID	Course Title	Cr Hr
BIOL 3XXX+	Upper Level Biology Courses	3
	Foreign Language or Elective (Elective if you have earned 10cr FL)	3
	History Requirement (HIST)	3
	Free Elective	3

- Genetics (BIOL 2083) is required for all majors and is a prerequisite for Cell Biology (BIOL 2085C).
- Sinclair Community College students who are considering health or the cell molecular field should take Cell Biology (BIOL 2085C). This course can be used towards one of the upper level classes including the lab; this course only offered in the spring.
- Students wishing to take Ecology & Evolution (BIOL 2084C) should take Genetics (BIOL 2084) in Spring Semester.
- Students wishing to take all three sophomore courses [Genetics (BIOL 2083), Ecology & Evolution (Biology 2084C), and Cell Biology (BIOL 2085C)] should take either Ecology & Evolution or Cell Biology in their junior year. This third course will be counted as an upper-level elective with lab.
- 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.