

Transfer Degree Map

FROM

Cincinnati State Technical & Community College
Associate of Science (AS/ASCI)
No Concentration

TO

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

This agreement is valid from **July 2023** to **July 2024**

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 BS Biology program.
- Students who complete the AS/ASCI at Cincinnati State Technical & 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:

Andrew Shrigley, 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

Appendix A: Cincinnati State Advising Document

Coursework Articulation						
Agreement Execution Date: July 2023				Agreement End Date: July 2024		
Cincinnati State			University of Cincinnati			
Course ID	Course Title	Hrs	Course ID	Course Title	Hrs	GenEd (BoK)
<i>Course prerequisites may not be listed below. Your Cincinnati State advisor will help you navigate the prerequisites.</i>						
First Year Experience (FYE) Requirement						
FYE XXX	First Year Experience Course	1	FYE/MLTI/ORNT 1000BLOCK	1000 Level Credit	1	FYE
OT36 English Composition (6 credits)			English Composition			
ENG 101	English Composition I	3	ENGL 1001	English Composition	3	EC
ENG 102 or ENG 103 or ENG 104	English Composition Elective	3	ENGL 2089	Intermediate Composition	3	EC
OT36 Communication (3 credits)			Humanities			
COM 110	Public Speaking	3	COMM 1071	Intro to Public Speech	3	HU
OT36 Mathematics			Quantitative Reasoning			
MAT 251*	Calculus 1*	5	MATH 1061	Calculus I	4 (+1)	QR
OT36 Social/Behavioral Sciences (6 credits)			Historical Perspectives & Social Sciences			
List A	Choose from HST 101, 102, 111, 112, 161, 162	3	HIST 1XXX	Historical Perspectives Elective (HIST Course)	3	HP
List B	Choose Any Course	3	BoK: SS	Social Sciences Elective	3	SS
OT36 Arts/Humanities (6 credits)			Historical Perspectives & Humanities/Literature			
ART 111 or 112	Art Hist: Ancient to Medieval Periods or Art Hist: Renaissance to Present	3	ARTH 1001 or 1002	History of Art I or History of Art II	3	FA, HP
List B	Choose Any Course	3	BoK: HU	Humanities/Literature Req.	3	HU
OT36 Natural/Physical Science (6+ credits)			Biology Major Courses			
BIO 131	Biology 1	5	BIOL 1081 and BIOL 1081L	Biology 1 and Lab	3 1 (+1)	NS
BIO 132	Biology 2	5	BIOL 1082 and BIOL 1082L	Biology 2 and Lab	3 1 (+1)	NS
OT36 Math/Science Electives (6+ credits)			Chemistry & Statistics			
CHE 121 and CHE 131	General Chemistry 1 and General Chemistry 1 Lab	4 1	CHEM 1040 and CHEM 1040L	General Chemistry 1 and Lab	4 1	NS
MAT 131	Statistics I	3	STAT 1034	Elementary Statistics I	3	QR
Directed Electives (21+ credits)			Biology Major Related Courses			
MAT 151*	College Algebra*	4	MATH 1021	College Algebra	3 (+1)	QR
MAT 152*	Trigonometry*	4	MATH 1022	Trigonometry	3 (+1)	QR
OT36	Social/Behavioral Sciences List B Any Course	3	BoK: SS	Social Sciences Elective	3	SS
BIO 270	Ecology (Environ./Organism Focus)	5	BIOL 2084C	Ecology & Evolution	4	

or BIO 250	or Cell Biology (Medical Focus) (consult with adviser)		or BIOL 2085C	or Cell Biology	(+1)	
BIO 260	Genetics	5	BIOL 2083	Genetics	3 (+2)	
CHE 122 and CHE 132	General Chemistry 2 and General Chemistry 2 Lab	4 1	CHEM 1041 and CHEM 1041L	General Chemistry 2 and Lab	4 1	
Cooperative Education (4 credits)			Free Electives			
HUM 190	Career Exploration Seminar	2	MLTI 1073	Student Success (+1 hr Free Elective)	1 +1	
HUM XXX	Co-Op/Internship: In consultation with coordinator	1	COOP or PD 1000BLOCK	1000 Level Credit	1	
HUM XXX	Co-Op/Internship: In consultation with coordinator	1	COOP or PD 1000BLOCK	1000 Level Credit	1	
Total Credits Required for AS/ASCI Degree:		64+	Total Credits Applied to BS Biology Degree:		64	

Course prerequisites may not be listed in table above. Your Cincinnati State advisor will help you navigate the necessary prerequisites

*Course requirement/option will be dependent on Math Placement at Cincinnati State.

UC General Education/Breadth of Knowledge (BoK) key:		
DC – Diversity and Culture	DEI – Diversity, Equity, Inclusion	EC – English Composition
FA – Fine Arts	HP – Historical Perspectives	HU – Humanities & Literature
NS – Natural Sciences	QR – Quantitative Reasoning	SCE – Society, Culture, Ethics
SE – Social and Ethical Issues	SS – Social Sciences	TI – Technology and Innovation

The following coursework will be required to complete the BS Biology at UC			
Course ID	Course Title	Cr Hr	BoK
Biology Major Courses			
BIOL 2061 or PD 2045	Professionalism, Purpose, and Careers in Biology or Professionalism, Purpose, and Success Pre-Health Pathway	2	
BIOL 3XXX+	Biology Electives 5 Courses at 3000+ Level. 2 courses must include a laboratory	17	
BIOL 5050	Biology Capstone	1	
Chemistry Courses			
Choose one, two-semester sequence below. CHEM 2040/2041 series required for professional or graduate study			
CHEM 2030 and CHEM 2030L	Survey of Biochemistry I and Lab I	4 1	
CHEM 2031 and CHEM 2031L	Survey of Biochemistry II and Lab II	4 1	
OR			
CHEM 2040 and CHEM 2040L	Organic Chemistry I and Lab I	4 1	
CHEM 2041 and CHEM 2041L	Organic Chemistry II and Lab II	4 1	
Physics Courses			
PHYS 1051 and PHYS 1051L	General Physics I (Algebra-Based) and Lab I	4 1	NS
PHYS 1052 and PHYS 1052L	General Physics II (Algebra-Based) and Lab II	4 1	NS
General Education & Elective Courses			
	Diversity, Equity, and Inclusion Course	3	DEI
	Foreign Language Courses	10-12	SCE
	Free Electives and/or Minor Courses	6-9	

BS Biology credit hours remaining	56	
Transfer credits from Cincinnati State	64+	
Total hours to complete BS Biology degree	120	

Appendix B: Curriculum Equivalencies & Sample Transfer Degree Map

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the Cincinnati State Technical & Community College AS/ASCI and remaining UC courses for the BS Biology). You should consult with an academic adviser 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 adviser. For details beyond course planning, please consult with your academic adviser or the Transfer & Transition Advising Center.

Students are required to complete MAT 131 Statistics 1 and MAT 251 Calculus 1 at Cincinnati State.

SEMESTER 1 (Fall)					
Cincinnati State			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
FYE 1XX	First Year Experience Elective	1	FYE/MLTI/ORNT 1000 BLOCK	FYE/MLTI/ORNT 1000 Level Credit (Free Elective)	1
ENG 101	English Composition I	3	ENGL 1001	English Composition	3
MAT 151*	College Algebra* (OT36 Math Elective)	4	MATH 1021	College Algebra [QR]	3 (+1)
BIO 131	Biology 1 (OT36 Natural/Physical Science Elective 1)	5	BIOL 1081 and BIOL 1081L	Biology 1 and Lab (+1 hr free elective)	3 1 (+1)
ART 111 or 112	Art Hist: Ancient to Medieval Periods or Art Hist: Renaissance to Present (OT36 Arts/Humanities List A Elective)	3	ARTH 1001 or 1002	History of Art I [FA, HP] or History of Art II [FA, HP]	3

*MAT 151 course selection will be dependent on Math Placement at Cincinnati State

SEMESTER 2 (Spring)					
Cincinnati State			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
ENG 102 or ENG 103 or ENG 104	English Composition Elective	3	ENGL 2089	Intermediate Composition	3
BIO 132	Biology 2 (Natural/Physical Science List A Elective 2)	5	BIOL 1082 and BIOL 1082L	Biology 2 and Lab (+1 hr free elective)	3 1 (+1)
MAT 152*	Trigonometry* (Directed Elective 1)	4	MATH 1022	Trigonometry	3 (+1)
HUM 190	Career Exploration Seminar: Associate of Science	2	MLTI 1073	Student Success (+1 hr Free Elective)	1 1

*MAT 152 requirement will be dependent on Math Placement at Cincinnati State

SEMESTER 3 (Summer)

Cincinnati State			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
COMM 110	Public Speaking	3	COMM 1071	Intro Public Speech [HU]	3
OT36	Choose from: HST 101, 102, 111, 112, 161, 162 (OT36 Social/Behavioral Science List A Elective)	3	HIST 1XXX	Breadth of Knowledge Historical Perspectives Course (HIST)	3
MAT 251*	Calculus I* (Directed Elective 2)	5	MATH 1061	Calculus I (+1 hr free elective)	4 (+1)
OT36	OT36 Social/Behavioral Science List B - Any (Directed Elective 3)	3	BoK: SS	Social Sciences Course	3

*Consult Cincinnati State advisor for course option if MAT 251 was previously completed

SEMESTER 4 (Fall)

Cincinnati State			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
CHE 121 and CHE 131	General Chemistry 1 and Lab 1 (OT36 Math/Science Elective 1)	4 1	CHEM 1040 and CHEM 1040L	General Chemistry 1 and Lab 1	4 1
HUM XXX	Co-op/Internship Elective 1	1	COOP/PD 1000BLOCK	Co-Op/ProDev 1000 Level Credit (Free Elective)	1
OT36	Arts/Humanities List B Elective - Any	3	BoK: HU	Humanities/Lit Requirement	3
BIO 270 or BIO 250	Ecology (Environ/Organism Focus) or Cell Biology (Medical Focus) (Directed Elective 3)	5	BIOL 2084C or BIOL 2085C	Ecology & Evolution or Cell Biology (+1 hr Free Elective)	4 (+1)
	Not needed DE 5				

SEMESTER 5 (Spring)

Cincinnati State			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
HUM XXX	Co-op/Internship Elective 2	1	COOP or PD 1000BLOCK	Co-Op/ProDev 1000 Level Credit	1

OT36	Social/Behavioral List B Elective	3	BoK: SS	Breadth of Knowledge Social Science Course	3
MAT 131	Statistics (OT36 Math/Science Elective 2)	3	STAT 1034	Elementary Statistics I	3
BIO 260	Genetics (Directed Elective 5)	5	BIOL 2083	Genetics (+2 hr free elective)	3 (+2)
CHE 122 and CHE 132	General Chemistry 2 and General Chemistry 2 Lab (Directed Elective 5)	4 1	CHEM 1041 and CHEM 1041L	General Chemistry 2 and Lab 2	4 1

Total credits required for AS/ASCI degree:	64+	Total credits applied to UC Program:	64
		Total credits remaining for UC Degree:	56
		Total credits required for UC Degree:	120

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 adviser. For details beyond course planning, please consult with your academic adviser or the Transfer & Transition Advising Center.

Note: the exact number of credits remaining may vary dependent on the number of free electives completed at Cincinnati State and if minor is pursued at UC.

SEMESTER 6 (Fall)		
Course ID	Course Title	Cr Hr
BIOL XXXX	Upper-Level Biology Elective (1 of 5)	3
PHYS 1051 and PHYS 1051L	General Physics I (Algebra Based) and Lab	4 1
XXXX	Foreign Language 1	3-5
BIOL 2061 or PD 2045	Professionalism, Purpose, and Careers in Biology or Professionalism, Purpose, and Success on the Pre-Health Pathway	2
		13-15

SEMESTER 7 (Spring)		
Course ID	Course Title	Cr Hr
BIOL XXXX	Upper-Level Biology Elective (2 of 5)	3

PHYS 1052 and PHYS 1052L	General Physics II (Algebra Based) and Lab	4 1
XXXX	Foreign Language 2	3-5
BoK: DEI	Diversity, Equity, and Inclusion – Contemporary Topics	3

14-16

SEMESTER 8 (Fall)

Course ID	Course Title	Cr Hr
BIOL XXXX	Upper-Level Biology Elective (3 of 5)	3
BIOL XXXX	Upper-Level Biology Elective with Lab (4 of 5)	4
CHEM 20XX and CHEM 20XXL	Chemistry Sequence with Laboratory (1 of 2)	4 1
XXXX	Foreign Language 3 (<i>required if taking 12 credit sequence</i>) or Free Elective or Minor Course	3

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SEMESTER 9 (Spring)

Course ID	Course Title	Cr Hr
BIOL XXXX	Upper-Level Biology Elective with Lab (5 of 5)	4
BIOL 5050	Biology Capstone	1
CHEM 20XX and CHEM 20XXL	Chemistry Sequence with Laboratory (2 of 2)	4 1
XXXX	Foreign Language 4 (<i>required if taking 12 credit sequence</i>) or Free Elective or Minor Course	3
XXXX	Free Elective (<i>if needed</i>)	1-3

13-16