

**University of Cincinnati Transfer Articulation Agreement**  
**Cincinnati State Technical & Community College, Associate of Science – Biology concentration to**  
**University of Cincinnati, College of Arts and Sciences, Bachelor of Science in Biology**

<b>Originating Institution:</b> Cincinnati State Technical and Community College <b>Degree/Program:</b> Associate of Science, Biology concentration	
<b>Target Institution:</b> University of Cincinnati / College of Arts and Sciences <b>Degree/Program:</b> Bachelor of Science in Biology	
<b>Introduction:</b> This agreement details the <u>applicability</u> of courses from the Cincinnati State Technical and Community College Associate of Science degree to the Bachelor of Science in Biology degree in the UC College of Arts and Sciences. As a public institution governed by the Ohio Department of Higher Education, UC complies with the Ohio Transfer Module and the Transfer Assurance Guides (TAGs). Students who complete the Associate of Science degree at Cincinnati State Technical and Community College have partially satisfied the UC General Education requirement.	
<b>Articulation Overview:</b> Graduates from Cincinnati State Technical and Community College who have followed the prescribed program and are accepted into the UC College of Arts and Sciences will enter the third year the Bachelor of Science in Biology degree program.	
<b>Admission Criteria:</b> Please note: completing the courses on the worksheet below does not guarantee admission to the UC Bachelor of Science in Biology degree program.  <b>Minimum GPA:</b> 2.00  <b>Admission Period:</b> Cincinnati State Technical and Community College students must be admitted to the UC College of Arts and Sciences during the duration of this agreement, i.e. between July 2019 and July 2022.	
<b>Agreement Execution Date:</b> November 2019	<b>Agreement End Date:</b> November 2022

**EXECUTION, DURATION AND REVIEW OF AGREEMENT:**

This agreement becomes effective upon its signing by the Deans of both Colleges and will remain effective for three years. At the end of this time, the agreement will be reviewed and may be renegotiated. Cincinnati State Technical and Community College and the UC College of Arts and Sciences agree to keep one another informed as program changes affecting the agreement occur. The Deans of 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.

**Cincinnati State Technical and Community College students are encouraged to work closely with their academic advisor to monitor possible changes.**

**SEE ATTACHED ADDENDUMS FOR COURSE EQUIVALENCIES AND SAMPLE TRANSFER DEGREE MAPS.**

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***Signed via DocuSign on 12/2/2019***

Geoff Woolf, MS, MFA [date]  
 Dean, Humanities & Sciences Division  
 Cincinnati State Technical and Community  
 College

***Signed via DocuSign on 12/4/2019***

Valerio Ferme, PhD [date]  
 Dean, College of Arts and Sciences  
 University of Cincinnati

***Signed via DocuSign on 11/26/2019***

Jennifer Martin, MA [date]  
 Program Chair  
 Associate of Arts and Associate of Science  
 Cincinnati State Technical & Community  
 College

***Signed via DocuSign on 12/3/2019***

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

***Signed via DocuSign on 11/26/2019***

Myshamil Walker, EdD [date]  
 Transfer Director  
 Cincinnati State Technical & Community  
 College

**Primary Contact Person for this Agreement:**

	<b>Cincinnati State Technical and Community College</b>	<b>University of Cincinnati</b>
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**Addendum One: Course Equivalencies**

<b>Coursework Articulation</b>	
Agreement Execution Date: November 2019	Agreement End Date: November 2022

Cincinnati State Technical and Community College			University of Cincinnati			
CSTCC Course ID	Course Title	Hrs	UC Course ID	UC Course Title	Hrs	GenEd (BoK)
<i>Many classes have prerequisites that may not be listed. Your advisor will help you navigate the necessary prerequisites.</i>						
<b>First Year Experience (FYE) Requirement</b>						
FYE 1***	First Year Experience Course <i>(in consultation with advisor)</i>	1-3	FYE or MLTI or ORNT 1000BLOCK	First-Year Experience OR Multidisciplinary OR Orientation 1000 Level Block Credit	1	FYE
<b>TM English Composition (6 credits)</b>			<b>English Composition</b>			
ENG 101	English Composition 1	3	ENGL 1001	English Composition	3	EC
ENG 102 or ENG 103	English Composition 2: Contemporary Issues (102) or Writing about Literature (103)	3	ENGL 2089	Intermediate Composition	3	EC
<b>TM Oral Communication (3 credits)</b>			<b>Humanities</b>			
COMM 110	Public Speaking	3	COMM 1071	Introduction to Effective Speaking	3	HU
<b>TM Mathematics (3 credits)</b>			<b>Quantitative Reasoning</b>			
MAT 251	Calculus 1	5	MATH 1061	Calculus I	4	QR
<b>TM Social/Behavioral Sciences (6 credits)</b>			<b>Historical Perspectives and Social Sciences</b>			
List A	Choose from HST 101, 102, 111, 112, 161, or 162	3	HIST ****	History department (Historical Perspectives) requirement	3	HP
List B	Choose any course from List B	3		Social Sciences requirement	3	SS
<b>TM Arts/Humanities (6 credits)</b>			<b>Historical Perspectives and Humanities/Fine Arts</b>			
List A	Choose from: ART 110, 111, 112, or MUS 101, or 102, or THE 110	3		Historical Perspectives requirement	3	HP
List B	Choose any course from List B	3		Humanities/Literature requirement	3	HU
<b>TM Natural/Physical Science (6 credits)</b>			<b>Biology Major</b>			
BIO 131	Biology I	5	BIOL 1081 + BIOL 1081L	Biology I: Molecules, Cells and the Foundations of Life, and Laboratory	4	NS
BIO 132	Biology 2	5	BIOL 1082 + BIOL 1082L	Biology II: Evolution, Physiology, and Ecology, and Biology II Laboratory	4	NS

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CSTCC Course ID	Course Title	Hrs	UC Course ID	UC Course Title	Hrs	GenEd (BoK)
<b>Transfer Module Electives (6 credits)</b>			<b>Biology-related Requirements</b>			
MAT 131	Statistics 1	3	STAT 1034	Elementary Statistics I	3	QR
CHE 121 and 131	General Chemistry 1 And General Chemistry 1 Lab	5	CHEM 1040 + CHEM 1040L	General Chemistry I And General Chemistry I Laboratory	5	NS
<b>Cooperative Education (4 credits)</b>			<b>Free Electives</b>			
HUM 190	Career Exploration Seminar	2	MLTI 1073	Student Success – Major and Career Discovery	1	
HUM ***	Co-Op/Internship: In consultation with coordinator	2	COOP or PD 1000BLOCK	Cooperative Education or Professional Development 1000 Level Block Credit	2	
<b>Directed Electives (21 credits)</b>						
CHE 122 + CHE 132	General Chemistry 2 And General Chemistry 2 Lab	5	CHEM 1041 + CHEM 1041L	General Chemistry II And General Chemistry II Laboratory	5	NS
BIO 250 or 270	Cell Biology OR Ecology ( <i>consult with advisor</i> )	5	BIOL 2085C Or BIOL 2084C	Cell Biology OR Ecology and Evolution	4	
BIO 260	Genetics	5	BIOL 2083	Genetics	3	
MAT 151	College Algebra ( <i>if required based on placement- prerequisite for Calculus</i> )	4	MATH 1021	College Algebra	3	QR
MAT 152	Trigonometry ( <i>if required based on placement – prerequisite for Calculus</i> )	4	MATH 1022	Trigonometry	3	QR
<b>RECOMMENDED COURSE (prior to transfer):</b>						
XXX XXXX	Any transferable course 1000-level or higher	3	XXX XXXX	Free Elective	3	

Many classes have prerequisites that may not be listed in your blueprint. Your advisor will help you navigate the necessary prerequisites.

**General Education/Breadth of Knowledge (BoK) key:**

DEI – Diversity, Equity, and Inclusion	SCE – Society, Culture, and Ethics	TI – Technology and Innovation
QR – Quantitative Reasoning	FA – Fine Arts	HP – Historical Perspectives
HU – Humanities and Literature	NS – Natural Sciences	SS – Social Sciences

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<b>The following coursework will be required to complete the BS Biology at the University of Cincinnati</b>			
Course ID	Full Course Name	Crdt Hrs	GenEd/ BoK
<b>Biology Courses</b>			
BIOL 3XXX-5XXX	Biology Electives: choose five (5) 3000-level or above courses, two must include a laboratory	17	
BIOL 5050	Biology Capstone	1	
<b>Chemistry Courses</b> (choose one of the two-semester sequences below; Organic Chemistry is required for students interested in professional or graduate schools)			
CHEM 2030 + CHEM 2030L	Survey of Biochemistry I + Survey of Biochemistry I Laboratory	5	
CHEM 2031 + CHEM 2031L	Survey of Biochemistry II + Survey of Biochemistry II Laboratory	5	
<b>OR</b>	<b>OR</b>		
CHEM 2040 + CHEM 2040L	Organic Chemistry I + Organic Chemistry I Laboratory	5	
CHEM 2041 + CHEM 2041L	Organic Chemistry II + Organic Chemistry II Laboratory	5	
<b>General Education &amp; Elective Courses</b>			
PHYS 1051 + PHYS 1051L	General Physics I (Algebra-based) + General Physics I Laboratory	5	
PHYS 1052 + PHYS 1052L	General Physics II (Algebra-based) + General Physics II Laboratory	5	
	Foreign Language Requirement	10-12	
	Social Sciences Requirement	3	
	Free Electives (or Minor Coursework)	15	
	Society, Culture, & Ethics <i>or</i> Technology & Innovation Elective	3	
<b>UC BS Biology credit hours remaining</b>		<b>59-61</b>	
<b>Transfer credits from Cincinnati State Technical and Community College</b>		<b>64+</b>	
<b>Total hours to complete degree</b>		<b>120</b>	

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**Addendum Two: Sample Transfer Degree Map**

<b>Sample Transfer Degree Map for:</b>	
<b>Agreement Execution Date:</b> November 2019	<b>Agreement End Date:</b> November 2022

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the Cincinnati State Technical & Community College Associate of Science – Biology Concentration 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 at both institutions. If starting the program during any other term, please consult with your academic advisor. *\*Equivalencies listed here are only course equivalencies and do not indicate how the credits apply to the BS Biology program.*

For details beyond course planning, please consult with your academic advisor or contact [credeval@uc.edu](mailto:credeval@uc.edu) to view the full agreement.

**Semester 1 – at Cincinnati State Technical & Community College**

Course Number	Course Title	Cr Hrs	UC Equivalent Number
FYE 1XX	First Year Experience Elective	1-3	FYE/MLT/ORNT 1000BLOCK
ENG 101	English Composition 1	3	ENGL 1001
MAT 151	College Algebra	4	MATH 1021
BIO 131	Biology 1	5	BIOL 1081 +BIOL 1081L

**Semester 2 – at Cincinnati State Technical & Community College**

Course Number	Course Title	Cr Hrs	UC Equivalent Number
ENG 102 or 103	English Composition 2 Elective	3	ENGL 2089
MAT 152	Trigonometry	4	MATH 1022
BIO 132	Biology 2	5	BIOL 1082 +BIOL 1082L
Arts/Humanities List A	Choose from: ART 110, 111, 112, or MUS 101, or 102, or THE 110	3	Historical Perspectives requirement
HUM 190	Career Exploration Seminar	2	MLTI 1073

**Semester 3 (summer) – at Cincinnati State Technical & Community College**

Course Number	Course Title	Cr Hrs	UC Equivalent Number
COMM 110	Public Speaking	3	COMM 1071
MAT 251	Calculus 1	5	MATH 1061
HUM ***	Co-op Elective 1	1	COOP or PD 1000BLOCK
XXX XXXX	Any transferable course 1000-level or higher	3	Free Elective

**Semester 4 – at Cincinnati State Technical & Community College**

Course Number	Course Title	Cr Hrs	UC Equivalent Number
CHE 121 & 131	General Chemistry 1 & General Chemistry 1 Lab	5	CHEM 1040 + CHEM 1040L
MAT 131	Statistics 1	3	STAT 1034
Soc/Behav Elective	Any course from List B	3	Social Sciences requirement
<i>Medical-focus Sequence</i>			
BIO 260	Genetics	5	BIOL 2083
<i>Environmental/Organismal Sequence</i>			
BIO 270	Ecology	5	BIOL 2084C
HUM ***	Co-op Elective 2	1	COOP or PD 1000BLOCK

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**Semester 5 – at Cincinnati State Technical & Community College**

Course Number	Course Title	Cr Hrs	UC Equivalent Number
CHE 122 & 132	General Chemistry 2 & General Chemistry 2 Lab	5	CHEM 1041 + CHEM 1041L
HST ***	Choose from HST 101, 102, 111, 112, 161, or 162	3	Historical Perspectives requirement
Arts/Hum Elective	Choose any course from List B	3	Humanities/Literature requirement
<i>Medical-focus Sequence</i>			
BIO 250	Cell Biology	5	BIOL 2085C
<i>Environmental/Organismal Sequence</i>			
BIO 260	Genetics	5	BIOL 2083

**Semester 6 – at University of Cincinnati**

UC Course Number	Course Title	Cr Hrs
BIOL XXXX	Upper Level Biology Elective (1 of 5)	3
PHYS 1051 + PHYS 1051L	General Physics I (Algebra-based) + General Physics I Lab	5
	Foreign Language Requirement	5
	Social Sciences Requirement	3

**Semester 7 – at University of Cincinnati**

UC Course Number	Course Title	Cr Hrs
BIOL XXXX	Upper Level Biology Elective (2 of 5)	3
PHYS 1052 + PHYS 1052L	General Physics II (Algebra-based) + General Physics II Lab	5
	Foreign Language Requirement	5
	Free Elective (or Minor Course)	3

**Semester 8 – at University of Cincinnati**

UC Course Number	Course Title	Cr Hrs
BIOL XXXX	Upper Level Biology Elective (3 of 5)	3
BIOL XXXX	Upper Level Biology Elective (4 of 5)	4
CHEM XXXX	Chemistry sequence with laboratory (1 of 2)	5
	Free Elective (or Minor Course)	3
	Free Elective (or Minor Course)	3

**Semester 9 – at University of Cincinnati**

UC Course Number	Course Title	Cr Hrs
BIOL XXXX	Upper Level Biology Elective (5 of 5)	4
BIOL 5050	Biology Capstone	1
CHEM XXXX	Chemistry sequence with laboratory (2 of 2)	5
	Free Elective or Minor course	3
	Society, Culture, & Ethics Elective or Technology & Innovation Elective	3