

# EQUIVALENCY GUIDE

## IVY TECH COMMUNITY COLLEGE



<b>FROM</b>	<b>Associate of Science (AS) Biology</b>	<b>TO</b>	College of Arts & Sciences <b>Bachelor of Science (BS) Biological Sciences</b>
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**This Transfer Articulation Agreement (“TAA”) is valid from  
January 1, 2025 to July 31, 2027 (not to exceed three (3) years)**

The following includes all course requirements for this TAA. You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. For details related to course planning, please consult the Transfer Degree Map and your academic advisor.

IVY TECH COMMUNITY COLLEGE			UNIVERSITY OF CINCINNATI		
Course ID	Title	Cr Hrs	Course ID	Title / Program Requirement	Cr Hrs
ENGL 111	English Composition	3	ENGL 1001	English Composition	3
COMM 101	Fundamentals of Public Speaking	3	COMM 1071	<i>Humanities Elective</i>	3
MATH 211	Calculus I	4	MATH 1061	Calculus I [QR]	4
PHYS 101	Physics I	4	PHYS 1051 + PHYS 1051L	General Physics (AB) I [NS] + General Physics I Lab [NS]	4
PHYS 102	Physics II	4	PHYS 1052 + PHYS 1052L	General Physics (AB) II [NS] + General Physics II Lab [NS]	4
BIOL 221	Molecular Biology	4	BIOL 2072C	<i>Free Elective</i>	4
	Social & Behavioral Ways of Knowing: – choose any from list except <i>COMM 201 or COMM 212</i>	3		<i>Social Science Elective or Historical Perspective Elective (selection dependent)</i>	3
	Social & Behavioral Ways of Knowing: – choose any from list except <i>COMM 201 or COMM 212</i>	3		<i>Social Science Elective or Historical (HIST) Elective (selection dependent)</i>	3
	Humanistic & Artistic Ways of Knowing – choose any except <i>foreign language</i>	3		<i>Humanities or Fine Arts Elective</i>	3
IVYT 111	Student Success University Transfer	1	MLTI 1000BLOCK	<i>Free Elective</i>	1
BIOL 279	Intro to Scientific Research	1	BIOL 2000BLOCK	<i>Free Elective</i>	1
ENGL 215	Rhetoric & Argument	3	ENGL 2089	Intermediate Composition	3
CHEM 105	General Chemistry I	5	CHEM 1040	General Chemistry I [NS]	4
CHEM 106	General Chemistry II	5	CHEM 1041 + CHEM 1041L:	General Chemistry II [NS] + General Chemistry II Lab [NS]	4 +1
BIOL 105	Biology I: Molecular/Cellular Processes	5	BIOL 1081 + BIOL 1081L	Biology I [NS] + Biology I Lab [NS] + <i>Free Elective</i>	3 +1 +1
BIOL 107	Biology II: Diversity of Life	5	BIOL 1082 + BIOL 1082L	Biology II [NS] + Biology II Lab [NS] + <i>Free Elective</i>	3 +1 +1
BIOL 222 or BIOL 240	Genetics or Ecology	4 or 4	BIOL 2083 or BIOL 2084C	Genetics + <i>Free Elective</i> or Ecology & Evolution	3+1 or 4

Total credits for AS:	<b>60</b>	Total transfer credits toward BS at UC:	<b>60</b>
		Total remaining credits for BS at UC:	<b>60</b>
		Total credits for BS at UC:	<b>120</b>

## REMAINING UNIVERSITY OF CINCINNATI COURSES

SEMESTER 5 (Fall)		
Course ID	Title	Cr Hrs
BIOL 2083	Genetics ( <i>if not taken at Ivy Tech</i> )	0-3
BIOL 2084C	Ecology & Evolution ( <i>if interested in non-human Biology career pathways; must take BIOL 2084C or 2085C for degree</i> )	0-4
CHEM 2040+L or CHEM 2030+L	Organic Chemistry + Lab or Survey Biochemistry + Lab	4+1
BIOL 2061	Careers in Biology	2
	Foreign language	3-5

SEMESTER 6 (Spring)		
Course ID	Title	Cr Hrs
BIOL 2085C	Cell Biology ( <i>if interested in human Biology career pathways; must take BIOL 2084C or 2085C for degree</i> )	0-4
CHEM 2041+ L or CHEM 2031+ L	Organic Chemistry + Lab or Survey Biochemistry + Lab	4+1
	Contemporary Topics [DEI]	3
	Foreign language	3-5

SEMESTER 7 (Fall)		
Course ID	Title	Cr Hrs
BIOL 3000+	Upper BIOL <i>Elective</i>	3
BIOL 3000+	Upper BIOL <i>Elective</i> (with lab)	4
STAT 1034	Intro to Statistics	3
	Foreign language or free elective	3
	Social Science or Historical Perspective ( <i>consult advisor</i> )	3

SEMESTER 8 (Spring)		
Course ID	Title	Cr Hrs
BIOL 3000+	Upper BIOL <i>Elective</i> (with lab)	4
BIOL 3000+	Upper BIOL <i>Elective</i>	3
BIOL 3000+	Upper BIOL <i>Elective</i>	3
BIOL 5050	Biology Capstone	1
	Foreign language or free elective	3
	Social Science or Historical Perspective ( <i>consult advisor</i> )	3

## ADMISSIONS & DEADLINES

- Completion of the courses on this worksheet does not guarantee admission to the College of Arts & Sciences.
- Students who complete the Ivy Tech AS Biology have partially satisfied the UC General Education requirement.
- Students must be admitted to the College of Arts & Sciences during the duration of this agreement.
- **Minimum GPA** 2.00
- **BA 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.

## TUITION & SCHOLARSHIPS

- General Tuition & Fees information can be found at: [uc.edu/bursar/fees](http://uc.edu/bursar/fees)
- Scholarships for transfer students can be found at: [financialaid.uc.edu/sfao/scholars/transfer](http://financialaid.uc.edu/sfao/scholars/transfer)

## MORE INFORMATION

- Further information about the majors in the College of Arts & Sciences can be found at: [artsci.uc.edu/programs/majors/biological-sciences-bs](http://artsci.uc.edu/programs/majors/biological-sciences-bs)
- General information about the University of Cincinnati can be found at: [uc.edu](http://uc.edu)

**READY TO APPLY?** visit [uc.edu/apply](http://uc.edu/apply)

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

**Questions – Contact Us**  
Transfer Center  
[transfer@uc.edu](mailto:transfer@uc.edu)

**Pre-Transfer Advising:**  
[admissions.uc.edu/information/transfer/admissions-and-advising-appointments](http://admissions.uc.edu/information/transfer/admissions-and-advising-appointments)