

# Transfer Degree Map

FROM

Sinclair Community College  
**Associate of Science  
Chemistry**

TO

University of Cincinnati  
College of Arts & Sciences  
**Bachelor of Science  
Chemistry**

This agreement is valid from **August 1, 2022 to July 1, 2025**

## 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 program.
- Students who complete the AS Chemistry program 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](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:

Andrew Shrigley, Sr Transfer & Articulation Specialist  
College Credit Services, [credeval@uc.edu](mailto:credeval@uc.edu)

## More Information

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

<https://www.artsci.uc.edu/departments/chemistry.html>  
html

**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 Chemistry program and remaining UC courses for the BS Chemistry program). 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					
Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
CHE 1211	General Chemistry I	5	CHEM 1040 and CHEM1040L	General Chemistry I Lecture and General Chemistry I Lab	4 1
MAT 2270	Calculus & Analytic Geometry I	5	MATH 1061	<i>Counts as MATH 1044</i> <i>2 Free Elective Credits</i>	3 2
ENG 1101	English Composition I	3	ENGL 1001	English Composition I	3
OT36	Social & Behavioral Sciences Elective	3	BoK: SS	Breadth of Knowledge Social Science	3
SCC 1101	First Year Experience	1	MLT11000 BLOCK	<i>Free Elective</i>	1

SEMESTER 2					
Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
CHE 1221	General Chemistry II	5	CHEM 1041 and CHEM1041L	General Chemistry II Lecture and General Chemistry II Lab	4 1
MAT 2280	Calculus & Analytic Geometry II	5	MATH 1062	<i>Counts as MATH 1045</i> <i>2 Free Elective Credits</i>	3 2
ENG 1201	English Composition II	3	ENGL 2089	Intermediate Composition	3
COM 2211	Effective Public Speaking ( <i>Communication Elective</i> )	3	COMM 1071	Intro to Public Speaking ( <i>BoK: Humanities</i> )	3

SEMESTER 3					
Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
CHE 2111	Organic Chemistry I	5	CHEM 2040 and CHEM 2040L	Organic Chemistry I Lecture and Organic Chemistry I Lab ( <i>Chemistry Lab Elective</i> )	4 1

MAT 2290	Calculus & Analytic Geometry III	5	MATH 2063	Multivariable Calculus <i>Free Elective</i>	5
MET 1131	Personal Computer Applications for Engineering Technology	1	ENED1000BLOCK	<i>Free Elective</i>	1
	Multicultural Elective* <i>Choose one course from table below</i>	3	BoK: DEI	Contemporary Topics: Diversity Equity & Inclusion	3

### Multicultural Elective\* (Choose One Course)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title (BoK)	Cr Hr
AFR 1100	African American Studies	3	AFST 1001	Intro to Africana Studies (DEI, SCE)	3
GEO 1101	Global Forces, Local Diversity	3	GEOG 1004	Intro to Human Geography (DC, SCE)	3
GEO 1201	World Regional Geography: People, Places, & Globalization	3	GEOG 1021	World Geography (DC)	3
LIT 2234	Literature of Africa, Asia, & Latin America	3	ENGC 2000BLOCK	English – Comparative Literature 2000 Level Credit (HU, DC)	3
PLS 2200	Political Life, Systems, & Issues	3	POL 1060	Intro to Comparative Politics (DC, SCE)	3
PSY 1160	Black Psychology	3	PSYC 2000BLOCK	Psychology 2000 Level Credit (DC, SS)	3
REL 1111	Eastern Religions	3	RELG 1000BLOCK	Religious Studies 1000 Level Credit (HU, DC)	3
SOC 1145	Introduction to Cultural Anthropology	3	ANTH 1001	Cultural Anthropology (DC, SCE)	3
SOC 2215	Race and Ethnicity	3	SOC 3073	Race & Ethnicity (DEI)	3

### SEMESTER 4

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
CHE 2121	Organic Chemistry II	5	CHEM 2041 and CHEM2041L	Organic Chemistry II Lecture and Organic Chemistry II Lab	4 1
OT36	Arts & Humanities Elective <i>Choose any HIS course from list</i>	3	BoK: HP	<i>Breadth of Knowledge: Historical Perspectives</i>	3
OT36	Arts & Humanities Elective <i>Choose any course from list except HIS</i>	3	BoK: FA or HU	<i>Breadth of Knowledge: Fine Arts or Humanities</i>	3

OT36 Social & Behavioral Sciences Elective 3

BoK: SS Breadth of Knowledge: Social Science 3

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
PHYS 1051	Algebra-based Physics I	4
PHYS 1051L	Algebra -based Physics I Lab	1
XXX XXXX	Experiential Learning	3
CHEM 2080	Sophomore Seminar for Chemistry Majors	1
CHEM 4020	Inorganic Chemistry	3
XXX XXXX	Foreign Language (12 credit series) or Foreign Language (10 credit series)	3 or 5

### SEMESTER 6

Course ID	Course Title	Cr Hr
CHEM 3040	Biochemistry	3
PHYS 1052	Algebra-based Physics II	4
PHYS 1052L	Algebra -based Physics II Lab	1
CHEM 2050	Analytical Chemistry	3
XXX XXXX	Foreign Language (12 credit series) or Foreign Language (10 credit series)	3 or 5

### SEMESTER 7

Course ID	Course Title	Cr Hr
CHEM 5080	Senior Seminar for Chemistry Majors	1
CHEM 3010	Survey of Physical Chemistry	3
XXX XXXX	Free Elective or Foreign Language (12 credit series)	3
XXX XXXX	Free Elective	3

XXX XXXX	Free Elective	3
XXX XXXX	Free Elective (needed only if taking Foreign Language 12 credit series)	2

## SEMESTER 8

Course ID	Course Title	Cr Hr
Elective Lecture	Chemistry Lecture course	3
Elective Lab	Chemistry Lab course	2
CHEM 5030	Undergraduate research	2
XXX XXXX	Free Elective or Foreign Language (12 credit series)	3
BoK: HP	Historical Perspectives (HIST XXXX or any BoK: HP course, dependent on HP BoK taken in semester 4)	3
XXX XXXX	Free Elective (needed only if taking Foreign Language 12 credit series)	2