

# Transfer Degree Map

FROM

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

TO

University of Cincinnati  
College of Arts & Sciences  
**Bachelor of Science,  
Statistics/Actuarial Sciences**

This agreement is valid from **February 2020** to **February 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 program.
- Students who complete the Associate of Science in Mathematics at Sinclair Community College have 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: 2.00.
- BS 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:** [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

### Mathematical Sciences in the College of Arts & Sciences:

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

### 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 Mathematics and remaining UC courses for the BS Mathematics: Statistics/Actuarial Sciences). 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
MAT 2270	Calculus & Analytic Geometry 1	5	MATH 1061	Calculus 1 (4cr) + Free Elective (1cr)	5
	OTM Social/Behavioral Science Elec – any except HIS 2219, PSY 2228	3		Social Science Elective	3
ENG 1101	English Composition 1	3	ENGL 1001	English Composition	3
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
MAT 2280	Calculus & Analytic Geometry 2	5	MATH 1062	Calculus 2 (4cr) + Free Elective (1cr)	5
	OTM Natural/Physical Science Elec – choose BIO 1171 or CHE 1211	5		Scientific Discipline (3cr) + Free Elective (2cr)	5
	OTM Arts/Humanities Elective – any except HIS courses	3		Humanities/Fine Art Elec	3
ENG 1201	English Composition 2 (Any Course in Catalog Elective)	3	ENGL 2089	Intermediate Composition	3

### SEMESTER 3

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MAT 2290	Calculus & Analytic Geometry 3	5	MATH 2063	Multivariate Calculus (4cr) + Free Elective (1cr)	5
	OTM Natural/Physical Science Elec – choose BIO 1272 or CHE 1221 (must continue same sequence)	5		Scientific Discipline (3cr) + Free Elective (2cr)	5
	OTM Social/Behavioral Science Elec – choose HIS 2219, PLS 1120, PLS 1232	3		Historical Perspective Elective	3
COM 2225 or COM 2206	Small Group Communication or Interpersonal Communication	3		Social Science Elective	3

**SEMESTER 4**

<b>Sinclair Community College</b>			<b>University of Cincinnati</b>		
<b>Course ID</b>	<b>Course Title</b>	<b>Cr Hr</b>	<b>Course ID</b>	<b>Course Title</b>	<b>Cr Hr</b>
MAT 2310	Elementary Differential Equations	4	MATH 2073	Differential Equations (3cr) + Free Elective (1cr)	4
MAT 2320	Linear Algebra	3	MATH 2076	Linear Algebra	3
	OTM Arts/Humanities Elective – any except HIS, ART, DAN, MUS, THE	3		Humanities Elective	3
	Multicultural Elective	3		Free Elective	3
	Any Course in Catalog Elective	3		Free Elective	3

Total transfer credits toward UC degree:

**66**

Total credits required for bachelor's degree at UC:

**120****Remaining Coursework at University of Cincinnati****SEMESTER 5**

<b>Course ID</b>	<b>Course Title</b>	<b>Cr Hr</b>
STAT 2037	Probability and Statistics 1	3
	Foreign Language	3-5
	Diversity, Equity, and Inclusion Elective	3
	History Elective	3
	Free Elective	3

**SEMESTER 6**

<b>Course ID</b>	<b>Course Title</b>	<b>Cr Hr</b>
MATH 3001	Introduction to Abstract Math	3
STAT 3038	Probability and Statistics 2	3
STAT 5121	Mathematical Statistics 1	3
	Foreign Language	3-5

**SEMESTER 7**

<b>Course ID</b>	<b>Course Title</b>	<b>Cr Hr</b>
STAT 5131	Applied Statistics 1	3
	Math Option SA or MT	3

Math Option SA	3
Foreign Language (or Free Elective if you have earned 10cr FL)	3
Free Elective	3

## SEMESTER 8

Course ID	Course Title	Cr Hr
	Math Option SA	3
STAT 5132	Applied Statistics 2	3
MATH 5001 or MATH 5002	Capstone Seminar or Capstone Project	3
	Foreign Language (or Free Elective if you have earned 10cr in FL)	3
	Free Elective (dependent on Foreign Language credits)	0-1