Transfer Degree Map

University of CINCINNATI

FROM	Sinclair Community College **Associate of Science (AS)** **Mathematics**	TO	University of Cincinnati College of Arts & Sciences **Bachelor of Science (BS)** **Mathematics**

This agreement is valid from **March 2023** to **July 2026**

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 UC program.
- Students who complete the AS 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: 2.0

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 Mathematics majors in the College of Arts & Sciences:
https://www.artsci.uc.edu/departments/math.html

General information about the University of Cincinnati: 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). 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 (Fall)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MAT 2270	Calculus & Analytical Geometry I	5	MATH 1061	Calculus I *(1 cr Free Elective)*	4 (1)
OT36	Any OT36 Social/Behavioral Science Elective 1 **Except HIS 2219, PSY 2228**	3	BoK: SS	*Social Sciences Elective*	3
ENG 1101	English Composition I	3	ENGL 1001	English Composition	3
SCC 1101	First Year Experience	1	FYE 1000BLOCK	First Year Exp. 1000 Level Credit *(Free Elective)*	1

SEMESTER 2 (Spring)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MAT 2280	Calculus & Analytical Geometry II	5	MATH 1062	Calculus II *(1 cr Free Elective)*	4 (1)
BIO 1171 *or* CHE 1211 *or* PHY 2201	Principles of Biology I *or* General Chemistry I *or* General Physics 1 *(OT36 Natural/Physical Science Elective 1)*	5	BIOL 1081 + 1081L *or* CHEM 1040 + 1040L *or* PHYS 2001 + 2001L	Biology I + Lab *or* General Chemistry I + Lab *or* College Physics I + Lab *Scientific Discipline (3 cr)* *Natural Sciences Elective (2 cr)*	5
OT36	Any OT36 Arts/Humanities Elective 1 **Except HIS courses**	3	BoK: FA, HU	*Fine Arts or Humanities Elective*	3
ENG 1201	English Composition II *(Any Course in Catalog Elective)*	3	ENGL 2089	Intermediate Composition	3

SEMESTER 3 (Fall)

Sinclair Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr

Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
MAT 2290	Calculus & Analytical Geometry III	5	MATH 2063	Multivariable Calculus *(1 cr Free Elective)*	4 (1)
BIO 1272	Principles of Biology I		BIOL 1082 + 1082L	Biology II + Lab	
or CHE 1221	*or* General Chemistry I	5	*or* CHEM 1041 + 1041L	*or* General Chemistry II + Lab	5
or PHY 2202	*or* General Physics II		*or* PHYS 2002 + 2002L	*or* College Physics II + Lab	
	(OT36 Natural/Physical Science Elective 2)			*Scientific Discipline (3 cr)* *Natural Sciences Elective (2 cr)*	
PLS 1120 *or* PLS 1232	American Federal Government *or* State & Local Government	3	POL 1010 *or* POL 2016	Intro to American Politics [HP, SS] *or* State & Local Government [HP. SS]	3
	(OT36 Social/Behavioral Science Elective 2)			*(Historical Perspectives Elective)*	
COM 2206 *or* COM 2225	Interpersonal Communications *or* Small Group Communication	3	COMM 1076 *or* COMM2021	Intro Interpersonal Comm. [SS] *or* Problem-Solving Group Comm.[SS]	3
				(Social Sciences Elective)	

SEMESTER 4 (Spring)					
Sinclair Community College			**University of Cincinnati**		
Course ID	**Course Title**	**Cr Hr**	**Course ID**	**Course Title**	**Cr Hr**
MAT 2310	Elementary Differential Equations	4	MATH 2073	Differential Equations *(1 cr Free Elective)*	3 (1)
MAT 2320	Linear Algebra	3	MATH 2076	Linear Algebra	3
OT36	Any OT36 Arts/Humanities Elective 2 **Except ART, DAN, HIS, MUS, THE**	3	BoK: HU	*Humanities Elective*	3
XXXX	Multicultural Elective	3	XXXX	*Free Elective*	3
HIS 1101 or 1102 or 1111 or 1112	United States History I United States History II Western Civilization I Western Civilization II *(Any Course in Catalog Elective)*	3	BoK: HP (HIST)	*History Course Elective*	3

Credits Required for AS Mathematics:	**60**		Total credits applied to BS Mathematics:	**60**
			Credits remaining for BS Mathematics:	**60**
			Total credits required for BS Mathematics:	**120**

Remaining Coursework at University of Cincinnati

The suggested course sequence below includes all remaining courses required for the UC BS Mathematics. 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 5 (Fall)		
Course ID	**Course Title**	**Cr Hr**
STAT 2037	Probability and Statistics I	3
XXXX	Foreign Language 1	3-5
BoK: DEI	Diversity, Equity, & Inclusion Elective	3
PD 2070	Professionalism and Purpose	3
XXXX	Free Elective	3
		15-17

SEMESTER 6 (Spring)		
Course ID	**Course Title**	**Cr Hr**
MATH 3001	Introduction to Abstract Math	3
MATH XXXX	Math MT Option A Course	3
MATH XXXX	Math MT Option A Course	3
XXXX	Foreign Language 2	3-5
XXXX	Free Elective/Experiential Learning	3
		15-17

SEMESTER 7 (Fall)		
Course ID	**Course Title**	**Cr Hr**
MATH 3002	Introduction to Analysis	3
MATH XXXX	Math MT Option A or B Course	3
MATH XXXX	Math MT Option A or B Course	3
XXXX	Foreign Language 3 *(required if completing 12 credit sequence)* *or* Free Elective	3
XXXX	Free Elective *(dependent on foreign language sequence)*	1-3
		13-15

SEMESTER 8 (Spring)	
Course ID	**Course Title**	**Cr Hr**

MATH XXXX	Math MT Option A or B Course	3
MATH XXXX	Math MT Option A, B, or SA Course	3
MATH 5001 *or* MATH 5002	Capstone Seminar *or* Capstone Project	3
BoK: NS	Natural Sciences Elective	3
PD 4070	Professionalism & the Common Good	1
XXXX	Foreign Language 4 *(required if completing 12 credit sequence)*	3
		13-16