Transfer Degree Map

University of CINCINNATI

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

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

Experience Based Learning (Internships & Cooperative Education):
https://www.uc.edu/experience-based-learning.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 Statistics). 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 GEO 1101, 1201, HIS 2219, PSY 2228, SOC 1145	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**
MAT 2290	Calculus & Analytical Geometry III	5	MATH 2063	Multivariable Calculus *(1 cr Free Elective)*	4 (1)
BIO 1272 *or* CHE 1221 *or* PHY 2202	Principles of Biology I *or* General Chemistry I *or* General Physics 2 *(OT36 Natural/Physical Science Elective 2)*	5	BIOL 1082 + 1082L *or* CHEM 1041 + 1041L *or* PHYS 2002 + 2002L	Biology II + Lab *or* General Chemistry II + Lab *or* College Physics II + Lab *Scientific Discipline (3 cr)* *Natural Sciences Elective (2 cr)*	5
PLS 1120 *or* PLS 1232	American Federal Government *or* State & Local Government *(OT36 Social/Behavioral Science Elective 2)*	3	POL 1010 *or* POL 2016	Intro to American Politics [HP] *or* State & Local Government [HP] *(Historical Perspectives Elective)*	3
COM 2211	Effective Public Speaking *(Communication Elective)*	3	COMM 1071	Intro to Effective Speaking *(Humanities Elective)*	3

SEMESTER 4 (Spring)

Sinclair Community College			University of Cincinnati		
Course ID	**Course Title**	**Cr Hr**	**Course ID**	**Course Title**	**Cr Hr**
MAT 2600	Applied Statistics	3	STAT 2037	Probability & Statistics I	3
MAT 2320	Linear Algebra	3	MATH 2076	Linear Algebra	3
HIS 1101 *or* 1102 *or* 1111 *or* 1112	OT36 Arts/Humanities Elective 2	3	BoK: HP (HIST)	*History Course Elective*	3
GEO 1101 GEO 1201 SOC 1145	Global Forces, Local Diversity *or* World Regional Geography: People, Places, & Globalization *or* Introduction to Cultural Anthropology *(Multicultural Elective)*	3	GEOG 1004 *or* GEOG 1021 *or* ANTH 1001	Human Geography *or* World Regional Geography *or* Cultural Anthropology *(Social Sciences Elective)*	3
XXXX	Free Elective(s)	4	XXXX	*Free Elective*	4

Credits Required for AS Mathematics:	**60**

Total credits applied to BS Statistics:	**60**
Credits remaining for BS Statistics:	**60**
Total credits required for BS Statistics:	**120**

Remaining Coursework at University of Cincinnati

The suggested course sequence below includes all remaining courses required for the UC BS Statistics. Students may also choose to complete internships or cooperative education opportunities that are available. 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 3038	Probability & Statistics II	3
STAT 3041	Introduction to Data Science	3
XXXX	Foreign Language 1	3-5
PD 2070	Professionalism and Purpose	3
XXXX	Free Elective/Experiential Learning	3
		15-17

SEMESTER 6 (Spring)		
Course ID	**Course Title**	**Cr Hr**
STAT 4121	Mathematical Statistics I	3
STAT 4131	Applied Regression Analysis	3
STAT/MATH XXXX	(STAT-BS) Statistics Elective	3
XXXX	Foreign Language 2	3-5
XXXX	Free Elective	3
		15-17

SEMESTER 7 (Fall)		
Course ID	**Course Title**	**Cr Hr**
STAT 4041	Bayesian Data Science	3
STAT/MATH XXXX	(STAT-BS) Statistics Elective	3
STAT/MATH XXXX	(STAT-BS) Statistics Elective	3
BoK: NS	Natural Sciences Elective	3
XXXX	Foreign Language 3 *(required if taking 12 credit sequence)* *or* Free Elective *(required if completed 10 credit foreign language sequence)*	3 *or* 1-3
		13-15

SEMESTER 8 (Spring)		
Course ID	**Course Title**	**Cr Hr**
MATH 5001 *or* MATH 5002	Capstone Seminar *or* Capstone Project	3
STAT 5132	Design and Analysis of Experiments (offered spring semester only)	3
PD 4070	Professionalism & the Common Good	1
BoK: DEI	Contemporary Topics: Diversity, Equity, & Inclusion	3
XXXX	Free Elective	3
XXXX	Foreign Language 4 *(required if taking 12 credit sequence)*	3
		13-16