

TRANSFER ARTICULATION AGREEMENT

Sinclair Community College
Associate of Science, Mathematics
to
University of Cincinnati, College of Arts & Sciences
Bachelor of Science, Statistics



Originating Institution: Sinclair Community College
Degree/Program: Associate of Science (AS) / Mathematics

Target Institution: University of Cincinnati / College of Arts & Sciences (A&S)
Degree/Program: Bachelor of Science (BS) / Statistics

Introduction: This agreement details the applicability of courses from the Sinclair Community College AS Mathematics to the BS Statistics program in the College of Arts & Sciences. Students who complete the AS Mathematics at Sinclair Community College have satisfied the UC General Education requirement.

Articulation Overview: Graduates from Sinclair Community College who have followed the prescribed program and are accepted into the College of Arts & Sciences will enter with 60 hours of transfer credit applicable toward the BS Statistics degree.

Admission Criteria: *Note: completing the courses on the appendices below does not guarantee admission to the UC BS Statistics program.

Minimum GPA: 2.0

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.

Admission Period: Sinclair Community College students must be admitted to the UC College of Arts & Sciences during the duration of this agreement (i.e. between March 2023 and July 2026).

Agreement Execution Date: March 2023

Agreement End Date: July 2026

EXECUTION, DURATION AND REVIEW OF AGREEMENT:

This agreement becomes effective upon its signing by both Colleges and will remain effective for three years. At the end of this time, the agreement will be reviewed and may be renegotiated. Sinclair Community College and the UC College of Arts & Sciences agree to keep one another informed as program changes affecting the agreement occur. Both Colleges will agree upon any future additions and/or amendments to this document in writing.

This agreement will be reviewed on an annual basis and is subject to change due to revisions in program curriculum.

Sinclair Community College students are encouraged to work closely with their academic advisor to monitor possible changes.

SEE ATTACHED APPENDICES FOR COURSE EQUIVALENCIES AND SAMPLE TRANSFER DEGREE MAPS.

TRANSFER ARTICULATION AGREEMENT

Sinclair Community College
Associate of Science, Mathematics
to
University of Cincinnati, College of Arts & Sciences
Bachelor of Science, Statistics



signed via DocuSign on 4/25/2023

Anthony Ponder, Ed.D.
Senior Vice President & Provost
Sinclair Community College

signed via DocuSign on 4/26/2023

Margaret Hanson, PhD
Interim Dean
College of Arts & Sciences
University of Cincinnati

signed via DocuSign on 4/26/2023

Michael Goldberg, PhD
Department Head
Mathematical Sciences
College of Arts & Sciences
University of Cincinnati

signed via DocuSign on 4/26/2023

Hang J. Kim, Ph.D.
Undergraduate Program Director (Statistics)
Mathematical Sciences
Division of Statistics and Data Science
College of Arts & Sciences
University of Cincinnati

Primary Contact Person for this Agreement:

| | Sinclair Community College | University of Cincinnati |
|------------------------|---|--|
| Name | Janeil Bernheisel | Andrew Shrigley |
| Title | Manager of Curriculum, Transfer and Articulation | Sr Transfer & Articulation Specialist College Credit Services, Enrollment Management |
| Email | janeil.bernheisel@sinclair.edu | credeval@uc.edu |
| Mailing Address | Sinclair Community College Provost Office 444 W. Third Street Dayton, OH 45402 | College Credit Services University Pavilion 120 PO Box 210202 Cincinnati, Ohio 45221-0202 |

Transfer Degree Map

FROM

Sinclair Community College
**Associate of Science (AS)
Mathematics**

TO

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 <i>(1 cr Free Elective)</i> | 4 (1) |
| OT36 | Any OT36 Social/Behavioral Science Elective 1 Except GEO 1101, 1201, HIS 2219, PSY 2228, SOC 1145 | 3 | BoK: SS | <i>Social Sciences Elective</i> | 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 <i>(Free Elective)</i> | 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 <i>(1 cr Free Elective)</i> | 4 (1) |
| BIO 1171 or CHE 1211 or PHY 2201 | Principles of Biology I or General Chemistry I or General Physics 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 | 5 |
| | <i>(OT36 Natural/Physical Science Elective 1)</i> | | | <i>Scientific Discipline (3 cr) Natural Sciences Elective (2 cr)</i> | |
| OT36 | Any OT36 Arts/Humanities Elective 1 Except HIS courses | 3 | BoK: FA, HU | <i>Fine Arts or Humanities Elective</i> | 3 |
| ENG 1201 | English Composition II <i>(Any Course in Catalog Elective)</i> | 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 <i>Scientific Discipline (3 cr)</i> <i>Natural Sciences Elective (2 cr)</i> | 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) | <i>History Course Elective</i> | 3 |
| GEO 1101 GEO 1201 | Global Forces, Local Diversity or World Regional Geography: People, Places, & Globalization | 3 | GEOG 1004 or GEOG 1021 | Human Geography or World Regional Geography | 3 |
| SOC 1145 | or Introduction to Cultural Anthropology (Multicultural Elective) | | or ANTH 1001 | or Cultural Anthropology (Social Sciences Elective) | |
| XXXX | Free Elective(s) | 4 | XXXX | <i>Free Elective</i> | 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 (<i>required if taking 12 credit sequence</i>) or Free Elective (<i>required if completed 10 credit foreign language sequence</i>) | 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 (<i>required if taking 12 credit sequence</i>) | 3 |

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