Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

University of Cincinnati

# Mathematics

## Associate of Science to Bachelor of Arts

*Effective beginning Academic Year 2023-24 (Last revised April 25, 2024)*

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Mathematics degree at University of Cincinnati for students who completed an Associate of Science degree via the Ohio Guaranteed Mathematics (AS to BA) Transfer Pathway. The OGTP designation guarantees the transfer and applicability of credits, but does not guarantee admission to a program. Some bachelor-degree granting programs may be competitive, and students should check with individual institutions for their program admission requirements.

| COURSE EQUIVALENCIES FROM THE ASSOCIATE DEGREE | Course Number | Credit Hours |
|---|---|---|
| **GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36** | | |
| Any Ohio Transfer 36 approved First Writing (TME001) course | ENGL1001 | 3 |
| Calculus I (TMM005) | MATH1061 | 4 |
| Any Ohio Transfer 36 approved Arts and Humanities course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Arts and Humanities course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Social and Behavioral Sciences course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Social and Behavioral Sciences course | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Natural Sciences course[1] | Ohio Transfer 36 Elective* | 3 |
| Any Ohio Transfer 36 approved Natural Sciences course with lab[1] | Ohio Transfer 36 Elective* | 3-4 |
| Any Ohio Transfer 36 approved Second Writing (TME002) course | ENGL2089 | 3 |
| Calculus II (TMM006) | MATH1062 | 4 |
| Up to 3-4 additional hours of Ohio Transfer 36 approved courses | Ohio Transfer 36 Elective* | 4 |
| **PRE-MAJOR/BEGINNING MAJOR** | | |
| Calculus III (OMT018) | MATH2063 | 4 |
| Elementary Linear Algebra (OMT019) | MATH2076 | 3 |
| Elementary Differential Equations (OMT020) | MATH2073 | 3 |
| **OTHER RECOMMENDATIONS** | | |
| General Electives as needed (Recommended: Discrete Math (TMM023); May include FYE or Orientation course)[2] | Varies* | 8-14 |
| **TOTAL HOURS FROM ASSOCIATE DEGREE:** | | 60-65 |

Advising Notes:
(*) Indicates that coursework will be evaluated for applicable equivalency upon transfer at the university. If a Transfer Assurance Guide (TAG) course is taken, the approved course equivalency will be awarded.
[1] To fulfill University of Cincinnati's Natural Sciences Breadth of Knowledge requirement, the second natural sciences course must be taken in a discipline different than the first.
[2] A course which satisfies University of Cincinnati's Historical Perspectives Breadth of Knowledge requirement is highly recommended. Check with your receiving institution to determine an appropriate program of study.

## SPECIAL NOTES

Students with plans of pursuing a pre-professional or graduate studies track in the future should work closely with their academic advisor and receiving institution starting in the first year of their program in order to adequately prepare themselves for those types of tracks. Some pre-professional degrees include pre-medicine, pre-veterinary, pre-law, and pre-dentistry.

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The following additional coursework will be required to complete the Bachelor of Arts in Mathematics degree at University of Cincinnati after a student has completed their Associate of Science Ohio Guaranteed Mathematics (AS to BA) Transfer Pathway degree. Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

| REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE | | Course Number | Credit Hours |
|---|---|---|---|
| College Core Requirement: | Foreign Language (if not taken as part of the the associate degree) | Varies | 6 |
| College Core Requirement: | Historical Perspective BoK (one from HIST discipline) | Varies | 6 |
| College Core Requirement: | Contemporary Topics BoK | Varies | 3 |
| College Core Requirement: | Career Touchpoints | PD2070 and PD4070 | 4 |
| College Core Requirement: | Experiential Learning BoK | Varies | 0 |
| Major Requirement: | Probability and Statistics I | STAT2037 | 3 |
| Major Requirement: | Introduction to Abstract Math | MATH3001 | 3 |
| Major Requirement: | Introduction to Analysis | MATH3002 | 3 |
| Major Requirement: | Option A Courses (Choose 2 courses) | Varies | 6 |
| Major Requirement: | Option A or B Courses (Choose 2 courses) | Varies | 6 |
| Major Requirement: | Mathematics Capstone | MATH5001 or MATH5002 | 3 |
| Free Electives: | Electives | Varies | 17 |
| REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[1] | | | 60 |

Advising Notes:
[1] University of Cincinnati requires a total of 120 credit hours for degree completion. The total number of hours to complete a bachelor's degree represents a range of hours that may be needed depending on the individual course selections made during the associate degree program.

| COMPLETE BACHELOR'S DEGREE | Total Credit Hours |
|---|---|
| BACHELOR'S DEGREE TOTAL: | 120 |

## SPECIAL NOTES

For more information, please contact:
Transfer Center
transfer@uc.edu
513-556-1100
admissions.uc.edu/information/transfer

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## SAMPLE DEGREE MAP

### THIRD YEAR

| SEMESTER 5 | |
|---|---|
| Course Name & Number | Credit Hours |
| Historical Perspective BoK (HIST discipline) | 3 |
| Foreign Language | 3 |
| STAT2037 Probability and Statistics I | 3 |
| MATH3001 Introduction to Abstract Math | 3 |
| PD2070 Career Touchpoint | 2 |
| Total Semester 5 Credit Hours | 14 |

| SEMESTER 6 | |
|---|---|
| Course Name & Number | Credit Hours |
| Contemporary Topics BoK | 3 |
| Foreign Language | 3 |
| MATH3002 Introduction to Analysis | 3 |
| MATH Option A Course | 3 |
| MATH Option A or B Course | 3 |
| Total Semester 6 Credit Hours | 15 |

### FOURTH YEAR

| SEMESTER 7 | |
|---|---|
| Course Name & Number | Credit Hours |
| PD4070 Career Touchpoint | 2 |
| Elective | 3 |
| MATH Option A Course | 3 |
| MATH Option A or B Course | 3 |
| Historical Perspective BoK | 3 |
| Elective | 2 |
| Total Semester 7 Credit Hours | 16 |

| SEMESTER 8 | |
|---|---|
| Course Name & Number | Credit Hours |
| MATH5001 or MATH5002 Mathematics Capstone | 3 |
| Elective | 3 |
| Elective | 3 |
| Elective | 3 |
| Elective | 3 |
| | |
| Total Semester 8 Credit Hours | 15 |