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

University of Cincinnati

Mathematics

Associate of Science to Bachelor of Science

Effective beginning Academic Year 2023-24 (Last revised March 28, 2024)

The following table outlines how transfer credits will be applied to the Bachelor of Science in Mathematics degree at University of Cincinnati for students who completed an Associate of Science degree via the Ohio Guaranteed Mathematics (AS to BS) 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
Calculus-based Physics I with lab (OSC016)	PHYS2001/2001L	5
Calculus-based Physics II with lab (OSC017) or any Ohio Transfer 36 approved Natural Sciences course[1]	PHYS2002/2002L or Ohio Transfer 36 Elective*	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENGL2089	3
Calculus II (TMM006)	MATH1062	4
Up to 3 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Elective*	3
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*	7-12
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]In order to satisfy 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.

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 Science in Mathematics degree at University of Cincinnati after a student has completed their Associate of Science Ohio Guaranteed Mathematics (AS to BS) 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:	Natural Sciences BoK (in discipline other than PHYS if not completed during the associate degree)	Varies	0-6
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 3 courses)	Varies	9
Major Requirement:	Option A, B, or SA (Choose 1 course)	Varies	3
Major Requirement:	Mathematics Capstone	MATH5001 or MATH5002	3
Free Electives:	Electives	Varies	5-11
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 or Elective	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 or Elective	3
MATH3002 Introduction to Analysis	3
MATH Option A Course	3
MATH Option A Course	3
Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7	
Course Name & Number	Credit Hours
Natural Sciences BoK or Elective	3
MATH Option A or B Course	3
MATH Option A or B Course	3
MATH Option A or B Course	3
Historical Perspective BoK	3
Total Semester 7 Credit Hours	15

SEMESTER 8	
Course Name & Number	Credit Hours
Natural Sciences BoK or Elective	3
MATH Option A, B, or SA Course	3
MATH5001 or MATH5002 Mathematics Capstone	3
Elective	3
Elective	2
PD4070 Career Touchpoint	2
Total Semester 8 Credit Hours	16