Guaranteed Transfer Pathways

The following table outlines how transfer credits will be applied to the Bachelor of Science in Mathematics degree at Wright State University 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	ENG 1100	3
Calculus I (TMM005)	MTH 2300	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[1]	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course[1]	Ohio Transfer 36 Elective*	3
Calculus-based Physics I with lab (OSC016)	PHY 2400/L	5
Calculus-based Physics II with lab (OSC017) or any Ohio Transfer 36 approved Natural Sciences course	PHY 2410/L	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 2100	3
Calculus II (TMM006)	MTH 2310	4
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Elective*	3
PRE-MAJOR/BEGINNING MAJOR		
Calculus III (OMT018)	MTH 2320	4
Elementary Linear Algebra (OMT019)	MTH 2530	3
Elementary Differential Equations (OMT020)	MTH 2330	3
OTHER RECOMMENDATIONS		
General Electives	Varies*	11
TOTAL HOURS FROM ASSOCIATE DEGREE:		**60**

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.

Wright State University
Mathematics
Associate of Science to Bachelor of Science
Effective beginning Academic Year 2024-25 (Last revised November 25, 2024)

The following additional coursework will be required to complete the Bacehlor of Science in Mathematics degree at Wright State University 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
Departmental Core Requirements:	Writing Mathematical Proofs	MTH 2800	3
Departmental Core Requirements:	Real Variables I	MTH 4310	3
Departmental Core Requirements:	Modern Algebra I	MTH 4510	3
Departmental Requirements and Electives:	Real Variables II	MTH 4320	3
Departmental Requirements and Electives:	Modern Algebra II	MTH 4520	3
Departmental Requirements and Electives:	At least 15 hours of MTH/STT courses with at least 1 at the 4000 level	Varies	15
Departmental Requirements and Electives:	Introduction to Computer Programming, Computer Science I, or Introduction to C Programming for Scientists and Engineers	CS 1160, CS 1180, or CEG 2170	4
General Electives:	General Electives	Varies	26
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[1]			60

Advising Notes:
[1]Wright State University 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: Department of Mathematics and Statistics mathstats@wright.edu (937) 775-2785 https://science-math.wright.edu/mathematics-and-statistics

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5

Course Name & Number	Credit Hours
MTH 2800 Writing Mathematical Proofs	3
CS 1160 Introduction to Computer Programming, CS 1180 Computer Science I, or CEG 2170 Introduction to C Programming for Scientists and Engineers	4
MTH/STT 3000-level Elective	3
General Elective	3
General Elective	2
Total Semester 5 Credit Hours	15

SEMESTER 6

Course Name & Number	Credit Hours
MTH/STT 3000/4000-level Elective	3
MTH/STT 3000/4000-level Elective	3
MTH/STT 3000/4000-level Elective	3
MTH/STT 4000-level Elective	3
General Elective	3
Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7

Course Name & Number	Credit Hours
MTH 4310 Real Variables I	3
MTH 4510 Modern Algebra I	3
General Elective	3
General Elective	3
General Elective	3
Total Semester 7 Credit Hours	15

SEMESTER 8

Course Name & Number	Credit Hours
MTH 4320 Real Variables II	3
MTH 4520 Modern Algebra II	3
General Elective	3
General Elective	3
General Elective	3
Total Semester 8 Credit Hours	15