

Wright State University
Mathematics
Associate of Science to
Bachelor of Arts

Effective beginning Academic Year 2024-25 (Last revised November 25, 2024)

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Mathematics degree at Wright State University 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	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
Any Ohio Transfer 36 approved Natural Sciences course	Ohio Transfer 36 Elective*	4
Any Ohio Transfer 36 approved Natural Sciences course with lab	Ohio Transfer 36 Elective*	4
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*	13
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.		



Guaranteed Transfer Pathways

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The following additional coursework will be required to complete the Bachelor of Arts in Mathematics degree at Wright State University 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
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:	At least 15 hours of MTH/STT courses with at least 2 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
Departmental Requirements and Electives:	18 hours in departments other than the College of Science and Mathematics (COSM) and the College of Engineering and Computer Science (CECS)	Varies	18
General Electives:	General Electives	Varies	14
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

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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
MTH 2800 Writing Mathematical Proofs	3	MTH/STT 3000/4000-level Elective	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 3000/4000-level Elective	3
MTH/STT 3000-level Elective	3	MTH/STT 3000/4000-level Elective	3
Non-CoSM/CECS Elective	3	Non-CoSM/CECS Elective	3
General Elective	2	Non-CoSM/CECS Elective	3
Total Semester 5 Credit Hours	15	Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
MTH 4510 Modern Algebra I	3	MTH 4310 Real Variables I	3
MTH/STT 4000-level Elective	3	MTH/STT 4000-level Elective	3
Non-CoSM/CECS Elective	3	Non-CoSM/CECS Elective	3
Non-CoSM/CECS Elective	3	General Elective	3
General Elective	3	General Elective	3
Total Semester 7 Credit Hours	15	Total Semester 8 Credit Hours	15