Ohio University
Mathematics
Associate of Science to Bachelor of Arts

Effective beginning Academic Year 2021-22 (Last revised May 25, 2023)

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Mathematics degree at Ohio 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 1510	3
Calculus I (TMM005)	MATH 2301	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	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 2800	3
Calculus II (TMM006)	MATH 2302	4
Up to 3-4 additional hours of Ohio Transfer 36 approved courses[1]	Ohio Transfer 36 Elective*	3
PRE-MAJOR/BEGINNING MAJOR		
Calculus III (OMT018)	MATH 3300	4
Elementary Linear Algebra (OMT019)	MATH 3210	3
Elementary Differential Equations (OMT020)	MATH 3400	3
OTHER RECOMMENDATIONS		
General Electives as needed (May include FYE or Orientation course)[1,2]	Varies*	8-14
TOTAL HOURS FROM ASSOCIATE DEGREE:[3]		**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] OHIO recommends students complete an Ohio Transfer 36 approved TMOC Oral Communication course, which would be equivalent to COMS 1030. Additional general education coursework will be required if not completed as part of the associate degree program.

[2] OHIO recommends at least two semesters of foreign language since four semesters are required for the Bachelor of Arts degree. If not taken during the associate degree, it will need to be taken upon transfer.

[2] Students who complete the minimum requirements of the Ohio Transfer 36, as included within the above pathway, prior to enrollment in a degree-seeking program at Ohio University will receive transfer credit equivalent to fulfilling Ohio University's BRICKS general education requirements in Foundations (excluding the Advanced Writing component, which requires completion of TME 002 Second Writing), Pillars, and Arches.

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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REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE		Course Number	Credit Hours
Major Requirements:	Engineering Programming	ET 2100	4
Major Requirements:	Discrete Math: Introduction to Discrete Structures or Discrete Mathematics	CS 3000 or MATH 3050	3-4
Major Requirements:	Proof-based Elective: Introduction to Number Theory or Modern Algebra I or Complex Variables	MATH 3070 or MATH 4221 or MATH 4310	3
Major Requirements:	Complete at least 6 hours of MATH coursework at the 4000 level (not MATH 4100, MATH 4100L, or MATH 4150)	MATH 4XXX	6
Major Requirements:	Additional MATH electives at 2000-level and above to reach minimum of 30 semester hours at 2000-level or above	Varies	0-6
College Requirements:	Foreign Language Sequence (up to 2120 level) (if not taken as part of the associate degree program)	Varies	14
General Education:	Bridges: Speaking and Listening, Bridges: Ethics and Reasoning, Bridges: Diversity and Practice (if TMOC Oral Communication course was not taken as part of the associate degree program)	COMS 1030	3
General Education:	Bridges: Learning and Doing	Varies	1-3
General Education:	Capstone	Varies	2-3
Electives:	Additional A&S Distribution Courses or General Electives	XXXX	14-18
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[1]			60-64

Advising Notes:

[1] To qualify for a bachelor's degree, a student must complete all Ohio University graduation requirements: BRICKS general education, college, major, and residency. Students must complete a minimum of 60 semester hours of A&S courses at the 2000-level or above, and must complete at least 33 hours of courses from the list of approved A&S distribution area courses including 9 semester hours each of Humanities, Social Sciences, and Natural Sciences. Courses transferred in as 2000-level or higher A&S courses will count toward the 60 semester hours. Ohio University requires a minimum of 120 credit hours to earn a bachelor's degree. The total number of hours to complete the bachelor's degree may vary 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:
Undergraduate Admissions
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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5

Course Name & Number	Credit Hours
COMS 1030 Fundamentals of Public Speaking or A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	3
CS 3000 Introduction to Discrete Structures or MATH 3050 or Discrete Mathematics	3-4
Math Elective (2XXX or above)	3
Foreign Language 1110	4
Total Semester 5 Credit Hours	16-17

SEMESTER 6

Course Name & Number	Credit Hours
A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	3
MATH 3070 Introduction to Number Theory or MATH 4221 Modern Algebra or MATH 4310 Complex Variables	3
ET 2100 Engineering Programming	4
Foreign Language 1120	4
Total Semester 6 Credit Hours	17

FOURTH YEAR

SEMESTER 7

Course Name & Number	Credit Hours
4000-level Math Elective	3
4000-level Math Elective	3
Bridges: Learning and Doing	1-3
A&S Distribution Course or General Elective	3
Foreign Language 2110	3
Total Semester 7 Credit Hours	13-15

SEMESTER 8

Course Name & Number	Credit Hours
Capstone	2-3
4000-level Math Elective	3
A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	3
Foreign Language 2120	3
Total Semester 8 Credit Hours	14-15