

The following table outlines how transfer credits will be applied to the Bachelor of Science in Mathematics degree at Ohio 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
<b>GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36</b>		
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
Calculus-based Physics I with lab (OSC016)	PHYS 2055 and PHYS 2056	5
Calculus-based Physics II with lab (OSC017) or any Ohio Transfer 36 approved Natural Sciences course	PHYS 2057 and PHYS 2058	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 2800	3
Calculus II (TMM006)	MATH 2302	4
Up to 3 additional hours of Ohio Transfer 36 approved courses <sup>1</sup>	Ohio Transfer 36 Elective*	3
<b>PRE-MAJOR/BEGINNING MAJOR</b>		
Calculus III (OMT018)	MATH 3300	4
Elementary Linear Algebra (OMT019)	MATH 3210	3
Elementary Differential Equations (OMT020)	MATH 3400	3
<b>OTHER RECOMMENDATIONS</b>		
General Electives as needed (May include FYE or Orientation course) <sup>1,2</sup>	Varies	7-12
<b>TOTAL HOURS FROM ASSOCIATE DEGREE:<sup>3</sup></b>		<b>60-65</b>
<p>Advising Notes:</p> <p>(*) 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.</p> <p><sup>1</sup> OHIO recommends students complete an Ohio Transfer 36 approved TMOE 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.</p> <p><sup>1</sup> Ohio University recommends two semesters of foreign language. If not taken during the associate degree, it will need to be taken upon transfer.</p> <p><sup>2</sup> 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.</p>		

### 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.

The following additional coursework will be required to complete the Bachelor of Science in Mathematics degree at Ohio 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
Major Requirements:	Engineering Programming	ET 2100	4
Major Requirements:	Modern Algebra I	MATH 4221	3
Major Requirements:	Advanced Calculus I	MATH 4301	3
Major Requirements:	Complex Variables	MATH 4310	3
Major Requirements:	Discrete Math: Introduction to Discrete Structures or Discrete Mathematics	CS 3000 or MATH 3050	3-4
Major Requirements:	Complete at least one additional MATH courses at the 2000-level or above	MATH 2XXX or above	3
Major Requirements:	Complete at least four additional MATH courses at the 3000-level or above	MATH 3XXX/4XXX	12
College Requirements:	Foreign Language Sequence (up to 1120 level) (if not taken as part of the associate degree program)	Varies	8
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	0-3
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	15-21
<b>REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:<sup>1</sup></b>			<b>60-63</b>
Advising Notes: <sup>1</sup> 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
<b>BACHELOR'S DEGREE TOTAL:</b>	<b>120</b>

SPECIAL NOTES
For more information, please contact: Undergraduate Admissions <a href="mailto:admissions@ohio.edu">admissions@ohio.edu</a> 740.593.4100

**SAMPLE DEGREE MAP**

**THIRD YEAR**

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
COMS 1030 Fundamentals of Public Speaking or A&S Distribution Course or General Elective	3	ET 2100 Engineering Programming	4
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 Discrete Mathematics	3-4	MATH 4221 Modern Algebra I	3
Foreign Language 1110	4	MATH 3XXX or MATH 4XXX Elective	3
MATH 2XXX Elective	3	Foreign Language 1120	4
Total Semester 5 Credit Hours	16-17	Total Semester 6 Credit Hours	17

**FOURTH YEAR**

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
MATH 4301 Advanced Calculus I	3	Capstone	2-3
MATH 3XXX or MATH 4XXX Elective	3	MATH 3XXX or MATH 4XXX Elective	3
MATH 3XXX or MATH 4XXX Elective	3	MATH 4310 Complex Variables	3
MATH 2XXX Elective	3	A&S Distribution Course or General Elective	3
Bridges: Learning and Doing	1-3	A&S Distribution Course or General Elective	3
Total Semester 7 Credit Hours	13-15	Total Semester 8 Credit Hours	15