

The following table outlines how transfer credits will be applied to the Bachelor of Science in Biological Sciences degree at Ohio University for students who completed an Associate of Science degree via the Ohio Guaranteed Biology Transfer Pathway. The OGTB 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*	4
Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Psychology (OSS015) recommended for pre-medicine]	PSY 1010 or Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine]	SOC 1000 or Ohio Transfer 36 Elective*	3
General Chemistry I with lab (OSC008)	CHEM 1510	4
General Chemistry II with lab (OSC009)	CHEM 1520	4
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 2800	3
Up to 7 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	3-6
PRE-MAJOR/BEGINNING MAJOR		
Biology I (OSC003)	BIOS 1700 and 1705	4
Biology II (OSC004)	BIOS 1710 and 1715	4
Genetics (OSC028) or Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014)	BIOS 3100 (to be submitted) ¹ or PHYS 2001 or PHYS 2054 and PHYS 2055	3-4
OTHER RECOMMENDATIONS		
Full-Year Sequence of Organic Chemistry with lab (OSC010) ² [Not required but highly recommended for pre-medicine]	CHEM 3050 and 3080, CHEM 3060 and 3090	9
General Electives as needed (May include FYE or Orientation course) ³	Varies*	8
TOTAL HOURS FROM ASSOCIATE DEGREE:⁴		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 "To be submitted" indicates that the course does not currently carry the statewide course equivalency guarantee. However, the institution is working towards this goal and will act in good faith to ensure the appropriate equivalency is given that counts toward the degree. ² OHIO recommends completing OSC010 Organic Chemistry with lab. Students will have options for completing Organic Chemistry if not completed during the associate degree. ³ OHIO recommends two semesters of foreign language. If not taken during the associate degree, it will need to be taken upon transfer. OHIO also 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. ⁴ 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.

The following additional coursework will be required to complete the Bachelor of Science in Biological Sciences degree at Ohio University after a student has completed their Associate of Science Ohio Guaranteed Biology 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:	General Genetics (if not completed during the associate degree)	BIOS 3100	3
Major Requirements:	Fundamentals of Animal Cell Biology	BIOS 3200	3
Major Requirements:	Principles of Evolution	BIOS 3300	3
Major Requirements:	Upper Level Biological Lab Courses (3000-level or above)	BIOS 3XXX/4XXX	3-12
Major Sub-Requirements:	Choose three sections: Evolution, Ecology, and Behavior Form and Function Microbes Molecular, Cellular, and Developmental Biology Physiology and Body Systems	Varies	18-21
Major Requirements:	Complete additional Biological Sciences courses at the 3000/4000 level to reach a minimum of 36 BIOS hours, including a minimum of three lab courses at the 3000-level or above.	BIOS 3XXX/4XXX	0-3
Extracurricular Requirements:	Introduction to Physics or General Physics I (if not completed during the associate degree)	PHYS 2001 or PHYS 2054 and PHYS 2055	0-4
Extracurricular Requirements:	Introduction to Physics or General Physics II	PHYS 2002 or PHYS 2056 and PHYS 2057	4
Extracurricular Requirements:	Introduction to Statistics or Statistics for the Behavioral Sciences	MATH 2500 or PSY 2110	4
Extracurricular Requirements:	Organic Chemistry (if not taken as part of the associate degree program)	CHEM 3010 or CHEM 3050 and CHEM 3060	0-6
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 TMOE Oral Communication course was not taken as part of the associate degree program)	XXXX	0-3
General Education:	Bridges: Learning and Doing	Varies	1-3
General Education:	Capstone	Varies	3
Electives:	A&S Distribution Courses or General Electives	XXXX	0-6
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:¹			60-73
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
admissions@ohio.edu
 740.593.4100

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
BIOS 3100 General Genetics (if not completed during the associate degree)	3	BIOS 3200 Fundamentals of Animal Cell Biology	3
BIOS 3300 Principles of Evolution	3	BIOS Major Sub-Requirement 1	3-4
COMS 1030 (if needed) or A&S Distribution Course or General Elective	3	Upper Level BIOS Lab Course or BIOS Elective	2-4
MATH 2500 Introduction to Statistics or PSY 2110 or Statistics for the Behavioral Sciences	4	BIOS Major Sub-Requirement 2	3-4
PHYS 2002 Introduction to Physics or PHYS 2052 General Physics	4	Foreign Language or A&S Distribution Course or General Elective	3-4
Total Semester 5 Credit Hours	17	Total Semester 6 Credit Hours	14-19

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
BIOS Major Sub-Requirement 3	2-3	Upper Level BIOS Lab Course or BIOS Elective	3
Upper Level BIOS Lab Course or BIOS Elective	2-4	Upper Level BIOS Elective or A&S Distribution Course or General Elective	3
Physiology and Body Systems Lab	2	A&S Distribution Course or General Elective	3
Bridges: Learning and Doing	3	A&S Distribution Course or General Elective	3
Foreign Language or A&S Distribution Course or General Elective	3-4	CHEM 3010 Organic Chemistry or A&S Distribution Course or General Elective	3
Total Semester 7 Credit Hours	12-16	Total Semester 8 Credit Hours	15