

The following table outlines how transfer credits will be applied to the Bachelor of Science in Biomedical Science degree at The University of Akron for students who completed an Associate of Science degree via the Ohio Guaranteed Biology 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	ENGL 111	3
Calculus I (TMM005)	MATH 221	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 [Introduction to Psychology (OSS015) recommended for pre-medicine]	PSYC 100	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine]	SOCIO 100	3
General Chemistry I with lab (OSC008)	CHEM 151 and CHEM 152	4
General Chemistry II with lab (OSC009)	CHEM 153 and CHEM 154	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENGL 112	3
Up to 7 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	7
PRE-MAJOR/BEGINNING MAJOR		
Biology I (OSC003)	BIOL 111	4
Biology II (OSC004)	BIOL 112	4
Genetics (OSC028) or Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014) or biology course	BIOL 211 (to be submitted) ¹ or PHYS 261 ²	4
OTHER RECOMMENDATIONS		
Full-Year Sequence of Organic Chemistry with lab (OSC010) [Not required but highly recommended for pre-medicine] ²	CHEM 263, CHEM 264, CHEM 265, and CHEM 266	0-10
Electives	Varies*	0-6
TOTAL HOURS FROM ASSOCIATE DEGREE:		60-66
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 The University of Akron requires algebra-based physics. ³ The University of Akron requires OSC010 Organic Chemistry. If not taken as part of the associate degree, it will need to be completed after transfer.		

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 Biomedical Science degree at University of Akron after a student has completed their Associate of Science Ohio Guaranteed Biology Transfer Pathway degree. Please note the University of Akron also offers a Bachelor of Science in Biology. 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
General Education Requirements :	Domestic Diversity and Global Diversity may need to be fulfilled still, if not taken as part of the associate degree program. Complex Issues Facing Society course or an approved capstone in the major	Varies	0-9
General Education:	Biomedical Ethics	PHIL 361	3
General Education:	Medicine in the Humanities	ANTH 309	3
Major Core Requirements:	Introductory Statistics I	STAT 261	2
Major Core Requirements:	Introductory Statistics II	STAT 262	2
Major Core Requirements:	General Genetics (if not taken during the associate degree program)	BIOL 211	0-3
Major Core Requirements:	General Genetics Laboratory	BIOL 212	1
Major Core Requirements:	Evolutionary Biology	BIOL 316	3
Major Core Requirements:	Foundations of Physiology I	BIOL 363	3
Major Core Requirements:	Foundations of Physiology I Laboratory	BIOL 364	2
Major Core Requirements:	Cell Physiology	BIOL 485	3
Major Core Requirements:	Cell Physiology Lab	BIOL 486	2
Major Core Requirements:	Organic Chemistry I and II (if not taken during the associate degree program)	CHEM 263, CHEM 264, CHEM 265, and CHEM 266	0-10
Major Core Requirements:	Biochemistry I and Biochemistry II	CHEM 401 and CHEM 402	6
Major Core Requirements:	Physics for Life Sciences II	PHYS 262	4
Major Core Requirements:	Upper-level Biology Electives (300/400 level)	BIOL 3/4xx	9
Electives:	Open upper-level electives to reach 120 credits	Varies	14
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:¹			60-70
Advising Notes: ¹ The University of Akron requires a total of 120 credit hours for degree completion with 40 of the credit hours at the 300/400 level. 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 Biology
 (330) 972-7155
<https://www.uakron.edu/biology/>

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
BIOL 211 General Genetics (if not completed during associate degree)	3	BIOL 316 Evolutionary Biology	3
BIOL 212 General Genetics Lab	1	CHEM 402 Biochemistry Lecture II	3
CHEM 401 Biochemistry Lecture I	3	BIOL 485 Cell Physiology	3
BIOL 363 Foundations of Physiology	3	BIOL 486 Cell Physiology Lab	2
BIOL 364 Foundations of Physiology Lab	2	PHYS 262 Physics for Life Sciences II	4
PHIL 361 Biomedical Ethics	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
STAT 261 Introductory Statistics I	2	ANTH 309 Medicine in the Humanities	3
STAT 262 Introductory Statistics II	2	BIOL 3/4xx Biology Elective	3
BIOL 3/4xx Biology Elective	3	Elective	3
BIOL 3/4xx Biology Elective	3	Elective	3
Electives	5	Elective	3
Total Semester 7 Credit Hours	15	Total Semester 8 Credit Hours	15