

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	3300:111	3
Calculus I (TMM005)	3450:221	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]	3750:100	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course [Introduction to Sociology (OSS021) recommended for pre-medicine]	3850:100	3
General Chemistry I with lab (OSC008)	3150:151 and 3150:152	4
General Chemistry II with lab (OSC009)	3150:153 and 3150:154	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	3300:112	3
Up to 7 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	7
PRE-MAJOR/BEGINNING MAJOR		
Biology I (OSC003)	3100:111	4
Biology II (OSC004)	3100:112	4
Calculus-based Physics I with lab (OSC016) or Algebra-based Physics I with lab (OSC014) or biology course	3650:261 ¹	4
OTHER RECOMMENDATIONS		
Full-Year Sequence of Organic Chemistry with lab (OSC010) [Not required but highly recommended for pre-medicine] ²	3150:263, 3150:264, 3150:265, and 3150:266	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 The University of Akron requires algebra-based physics. ² 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	3600:361	3
General Education:	Medicine in the Humanities	3230:309	3
Major Core Requirements:	Introductory Statistics I	3470:261	2
Major Core Requirements:	Introductory Statistics II	3470:262	2
Major Core Requirements:	General Genetics	3100:211	3
Major Core Requirements:	General Genetics Laboratory	3100:212	1
Major Core Requirements:	Evolutionary Biology	3100:316	3
Major Core Requirements:	Foundations of Physiology I	3100:363	3
Major Core Requirements:	Foundations of Physiology I Laboratory	3100:364	2
Major Core Requirements:	Cell Physiology	3100:485	3
Major Core Requirements:	Cell Physiology Lab	3100:486	2
Major Core Requirements:	Organic Chemistry I and II (if not taken during the associate degree program)	3150:263, 3150:264, 3150:265, and 3150:266	0-10
Major Core Requirements:	Biochemistry I and Biochemistry II	3150:401 and 3150:402	6
Major Core Requirements:	Physics for Life Sciences II	3650:262	4
Major Core Requirements:	Upper-level Biology Electives (300/400 level)	3100:3/4xx	9
Electives:	Open upper-level electives to reach 120 credits	Varies	14
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:			60-70
Advising Notes: In order to complete a bachelor's degree, 120 total credit hours must be taken, and 40 of those credit hours must be at the 300/400 level.			

COMPLETE BACHELOR'S DEGREE	Total Credit Hours
BACHELOR'S DEGREE TOTAL:	120

SPECIAL NOTES

For more information, please contact:
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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
3100:211 General Genetics	3	3100:316 Evolutionary Biology	3
3100:212 General Genetics Lab	1	3150:402 Biochemistry Lecture II	3
3150:401 Biochemistry Lecture I	3	3100:485 Cell Physiology	3
3100:363 Foundations of Physiology	3	3100:486 Cell Physiology Lab	2
3100:364 Foundations of Physiology Lab	2	3650:262 Physics for Life Sciences II	4
3600:361 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
3470:261 Introductory Statistics I	2	3230:309 Medicine in the Humanities	3
3470:262 Introductory Statistics II	2	3100:3/4xx Biology Elective	3
3100:3/4xx Biology Elective	3	Elective	3
3100:3/4xx Biology Elective	3	Elective	3
Electives	5	Elective	3
Total Semester 7 Credit Hours	15	Total Semester 8 Credit Hours	15