

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Chemistry degree at The University of Akron for students who completed an Associate of Science degree via the Ohio Guaranteed Chemistry 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	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	Ohio Transfer 36 Elective*	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
Calculus II (TMM006)	MATH 222	4
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	3-4
PRE-MAJOR/BEGINNING MAJOR		
Calculus-based Physics I with lab (OSC016)	PHYS 291	4
Calculus-based Physics II with lab (OSC017)	PHYS 292	4
Full-Year Sequence of Organic Chemistry with lab (OSC010)	CHEM 263, CHEM 264, CHEM 265, and CHEM 266	10
OTHER RECOMMENDATIONS		
Electives ¹	Varies*	0-6
TOTAL HOURS FROM ASSOCIATE DEGREE:		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 The University of Akron requires four semesters of world language. 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 Arts in Chemistry degree at The University of Akron after a student has completed their Associate of Science Ohio Guaranteed Chemistry 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
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
College Requirement:	Elementary World Language Sequence	101 and 102	8
College Requirement:	Intermediate World Language Sequence	201 and 202	6
Major Core Requirements:	Physical Chemistry Lecture I and II or Physical Chemistry for the Biosciences ¹	CHEM 313 and CHEM 314 or CHEM 305	4-6
Major Core:	Advanced Chemistry Laboratory I	CHEM 380	2
Major Core:	Analytical Chemistry Lecture I	CHEM 423	3
Major Core:	Analytical Chemistry Lecture II	CHEM 424	3
Major Core:	At least five credit hours of upper-level Chemistry Electives (300/400 level)	Varies	5
Electives:	Open upper-level electives to reach 120 credits	Varies	15-17
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:²			58-62
Advising Notes: ¹ Calculus III (MATH 223) is needed if the student opts to take CHEM 313 and CHEM 314 instead of CHEM 305. ² 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 Chemistry chemistry@uakron.edu (330) 972-8385 https://www.uakron.edu/chemistry/

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
xxxx 101 Elementary World Language I	4	xxxx 102 Elementary World Language II	4
CHEM 305 Physical Chemistry for the Biosciences	4	CHEM 3xx or CHEM 4xx Chemistry Elective	5
CHEM 380 Advanced Chemistry Laboratory I	2	Open Elective	3
General Education Elective	3	General Education Elective	3
		General Education Elective	3
Total Semester 5 Credit Hours	13	Total Semester 6 Credit Hours	18

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
xxxx 201 Intermediate World Language I	3	xxxx 202 Intermediate World Language II	3
CHEM 423 Analytical Chemistry Lecture I	3	CHEM 424 Analytical Chemistry Lecture II	3
Open Elective	2	Open Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	General Education Elective	3
Total Semester 7 Credit Hours	14	Total Semester 8 Credit Hours	15