

The following table outlines how transfer credits will be applied to the Bachelor of Science in Chemistry degree at Wright State University 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	ENG 1100	3
Calculus I (TMM005)	MTH 2300	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)	CHM 1210/L (under review) ¹	5
General Chemistry II with lab (OSC009)	CHM 1220/L	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 2100	3
Calculus II (TMM006)	MTH 2310	4
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Elective*	3-4
PRE-MAJOR/BEGINNING MAJOR		
Calculus-based Physics I with lab (OSC016) ²	PHY 1100/L or PHY 2400/L	5
Calculus-based Physics II with lab (OSC017) ²	PHY 1120/L or PHY 2410/L	5
Full-Year Sequence of Organic Chemistry with lab (OSC010)	CHM 2110/L and CHM 2120/L	10
OTHER RECOMMENDATIONS		
Calculus III (OMT018)	MTH 2320	4
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 "Under review" 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 WSU will accept algebra-based as well as calculus-based physics, except the BS Chemistry Education and the ACS-certified BS Chemistry degree require the calculus-based physics sequence. WSU's algebra-based physics sequence is PHY 1100/L and PHY 1120/L and the calculus-based physics sequence is PHY 2400/L and PHY 2410/L.		

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 Chemistry degree at Wright State University 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
Departmental Core Requirements:	Research Writing and Argumentation Sciences (if Second Writing not taken as a part of the associate degree program)	ENG 2130	0-3
Departmental Core Requirements:	Quantitative Analysis & Laboratory	CHM 3120/L	5
Departmental Requirements and Electives:	Chemical Literature and Composition	CHM 3190	2
Departmental Requirements and Electives:	Inorganic Chemistry	CHM 4200	3
Departmental Requirements and Electives:	Physical Chemistry I: Thermodynamics and Kinetics & Laboratory	CHM 3510/L	5
Departmental Requirements and Electives:	Physical Chemistry II & Laboratory	CHM 3520/L	5
Departmental Requirements and Electives:	Instrumental Analysis & Laboratory	CHM 4350/L	6
Departmental Requirements and Electives:	7 hours of additional department-approved electives	CHM 4XXX	7
General Electives:	General Electives (Recommended: CHM 4990 Special Problems in Chemistry)	Varies	24-27
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:¹			60
Advising Notes: ¹ Wright State University requires a total of 120 credit hours for degree completion. 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 202 Oelman Hall (937) 775-2855 https://science-math.wright.edu/chemistry

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
CHM 3510/L Physical Chemistry I: Thermodynamics and Kinetics & Laboratory	5	CHM 3520/L Physical Chemistry II & Laboratory	5
CHM 3120/L Quantitative Analysis & Laboratory	5	CHM 3190 Chemical Literature and Composition	2
ENG 2130 Research Writing and Argumentation Sciences or General Elective	3	CHM Electives 4000-level	4
General Elective	2	General Elective	4
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
CHM 4200 Inorganic Chemistry	3	CHM 4350/L Instrumental Analysis & Laboratory	6
CHM Electives 4000-level	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
General Elective	3		
Total Semester 7 Credit Hours	15	Total Semester 8 Credit Hours	15