

The following table outlines how transfer credits will be applied to the Bachelor of Science in Chemistry degree at University of Cincinnati 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	ENGL1001	3
Calculus I (TMM005)	MATH1061	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)	CHEM1040/1040L	5
General Chemistry II with lab (OSC009)	CHEM1041/1041L	5
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENGL2089	3
Calculus II (TMM006)	MATH1062	4
Up to 3-4 additional hours of Ohio Transfer 36 approved courses	Ohio Transfer 36 Electives*	0
PRE-MAJOR/BEGINNING MAJOR		
Calculus-based Physics I with lab (OSC016)	PHYS2001/2001L	5
Calculus-based Physics II with lab (OSC017)	PHYS2002/2002L	5
Full-Year Sequence of Organic Chemistry with lab (OSC010)	CHEM2040/2040L/ 2041/2041L	10
OTHER RECOMMENDATIONS		
General Electives as needed (May include FYE or Orientation course) 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 University of Cincinnati requires foreign language and strongly recommends students take the first two semesters of foreign language during the associate degree program.		

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 University of Cincinnati 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
College Core Requirement:	Foreign Language (if not taken as part of the associate degree)	Varies	10-12
College Core Requirement:	Historical Perspective BoK (one from HIST discipline)	Varies	6
College Core Requirement:	Contemporary Topics BoK	Varies	3
College Core Requirement:	Experiential Learning	Varies	0
Major Requirement:	Sophomore Seminar for Chemistry Majors	CHEM2080	1
Major Requirement:	Analytical Chemistry	CHEM2050	3
Major Requirement:	Survey of Physical Chemistry	CHEM3010	3
Major Requirement:	Introduction to Biochemistry	CHEM3040	3
Major Requirement:	Senior Seminar for Chemistry Majors	CHEM5080	1
Major Requirement:	Inorganic Chemistry	CHEM4020	3
Major Requirement:	Elective Laboratory Course	CHEM3021L, 3030L, 3045L, 3046L, or 4020L	2
Major Requirement:	Elective Lecture Course	CHEM3021, 3030, 4040, 4041, or 4054	3
Major Requirement:	Chemistry Capstone	CHEM5021 or 5030	2
Free Electives:	Electives	Varies	20
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:¹			60-62
Advising Notes: ¹ University of Cincinnati 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: Transfer Center transfer@uc.edu 513-556-1100 admissions.uc.edu/information/transfer

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
CHEM2080 Sophomore Seminar for Chemistry Majors	1	CHEM3040 Introduction to Biochemistry	3
CHEM3010 Survey of Physical Chemistry	3	CHEM2050 Analytical Chemistry	3
Foreign Language	5	Foreign Language	5
Historical Perspective BoK (HIST discipline)	3	Historical Perspective BoK	3
Contemporary Topics BoK	3	Experiential Learning	0
		Elective	2
Total Semester 5 Credit Hours	15	Total Semester 6 Credit Hours	16

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
Course Name & Number	Credit Hours	Course Name & Number	Credit Hours
CHEM5080 Senior Seminar for Chemistry Majors	1	CHEM5021 or CHEM5030 Chemistry Capstone	2
CHEM4020 Inorganic Chemistry	3	Elective	3
Elective	3	Chemistry Elective Lecture Course	3
Elective	3	Chemistry Elective Laboratory Course	2
Elective	3	Elective	3
Elective	1	Elective	2
Total Semester 7 Credit Hours	14	Total Semester 8 Credit Hours	15