Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

Ohio University

Chemistry
Bachelor of Science

Effective beginning Academic Year 2021-22 (Last revised May 25, 2023)

The following table outlines how transfer credits will be applied to the Bachelor of Science in Chemistry degree at Ohio 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 1510	3
Calculus I (TMM005)	MATH 2301	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*	4
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 1510	4
General Chemistry II with lab (OSC009)	CHEM 1520	4
Any Ohio Transfer 36 approved Second Writing (TME002) course	ENG 2800	3
Calculus II (TMM006)	MATH 2302	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)	PHYS 2054 & PHYS 2055	5
Calculus-based Physics II with lab (OSC017)	PHYS 2056 & PHYS 2057	5
Full-Year Sequence of Organic Chemistry with lab (OSC010)	CHEM 3050 and 3080 and CHEM 3060 and 3090	9
OTHER RECOMMENDATIONS		
General Electives as needed (May include FYE or Orientation course) [1, 2]	Varies*	0-6
TOTAL HOURS FROM ASSOCIATE DEGREE:[3]		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] OHIO recommends students complete an Ohio Transfer 36 approved TMOC Oral Communication course, which would be equivalent to COMS 1030. Additional general education coursework will be required if not completed as part of the associate degree program.
[2] OHIO recommends two semesters of foreign language. If not taken during the associate degree, it will need to be taken upon transfer.
[3] Students who complete the minimum requirements of the Ohio Transfer 36, as included within the above pathway, prior to enrollment in a degree-seeking program at Ohio University will receive transfer credit equivalent to fulfilling Ohio University's BRICKS general education requirements in Foundations (excluding the Advanced Writing component, which requires completion of TME 002 Second Writing), Pillars, and Arches.

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.

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The following additional coursework will be required to complete the Bachelor of Science in Chemistry degree at Ohio 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
Major Requirements:	Analytical Chemistry I: Quantitative Analysis and Electrochemistry	CHEM 2410	3
Major Requirements:	Analytical Chemistry I Lab	CHEM 2410L	1
Major Requirements:	Fundamentals of Inorganic Chemistry	CHEM 3760	3
Major Requirements:	Analytical Chemistry II: Chromatography and Spectroscopy	CHEM 4310	3
Major Requirements:	Analytical Chemistry II Lab	CHEM 4310L	2
Major Requirements:	Physical Chemistry I	CHEM 4530	3
Major Requirements:	Physical Chemistry I Lab	CHEM 4530L	1
Major Requirements:	Physical Chemistry II	CHEM 4540	3
Major Requirements:	Physical Chemistry II Lab	CHEM 4540L	2
Major Requirements:	Modern Inorganic Chemistry	CHEM 4760	3
Major Requirements:	Advanced Inorganic Lab	CHEM 4760L	1
Major Requirements:	Basic Biochemistry	CHEM 4890	3
College Requirements:	Foreign Language Sequence (up to 1120 level) (if not taken as part of the associate degree program)	Varies	8
General Education:	Bridges: Speaking and Listening, Bridges: Ethics and Reasoning, Bridges: Diversity and Practice (if TMOC Oral Communication course was not taken as part of the associate degree program)	COMS 1030	3
General Education:	Bridges: Learning and Doing	Varies	1-3
General Education:	Capstone	Varies	2-3
Electives:	Additional A&S Distribution Courses or General Electives	XXXX	15-18
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:			60-63

Advising Notes:
[1] To qualify for a bachelor's degree, a student must complete all Ohio University graduation requirements: BRICKS general education, college, major, and residency. Students must complete a minimum of 60 semester hours of A&S courses at the 2000-level or above, and must complete at least 33 hours of courses from the list of approved A&S distribution area courses including 9 semester hours each of Humanities, Social Sciences, and Natural Sciences. Courses transferred in as 2000-level or higher A&S courses will count toward the 60 semester hours. Ohio University requires a minimum of 120 credit hours to earn a bachelor's degree. The total number of hours to complete the bachelor's degree may vary 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:
Undergraduate Admissions
admissions@ohio.edu
740.593.4100

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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5	
Course Name & Number	Credit Hours
CHEM 4530 Physical Chemistry I	3
CHEM 4530L Physical Chemistry I Lab	1
CHEM 2410 Analytical Chemistry I	3
CHEM 2410L Analytical Chemistry I Lab	1
Foreign Language 1110	4
COMS 1030 Fundamentals of Public Speaking or A&S Distribution Course or General Elective	3
Total Semester 5 Credit Hours	17

SEMESTER 6	
Course Name & Number	Credit Hours
CHEM 3760 Fundamentals of Inorganic Chemistry	3
CHEM 4310 Analytical Chemistry II	3
CHEM 4310L Analytical Chemistry II Lab	2
A&S Distribution Course or General Elective	3
Foreign Language 1120	4
Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7	
Course Name & Number	Credit Hours
CHEM 4760 Modern Inorganic Chemistry	3
CHEM 4760L Advanced Inorganic Lab	1
CHEM 4890 Basic Biochemistry	3
Bridges: Learning and Doing	1-3
A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	3
Total Semester 7 Credit Hours	14-16

SEMESTER 8	
Course Name & Number	Credit Hours
Capstone	2-3
CHEM 4540 Physical Chemistry II	3
CHEM 4540L Physical Chemistry II Lab	2
A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	3
A&S Distribution Course or General Elective	0-3
Total Semester 8 Credit Hours	13-17