



Degree Plan/Pathway
Associate of Science (Chemistry pre-major) to
Bachelor of Arts in Chemistry

2021-2022 Catalog

Year 1

Course Number & Name	Credits
ENG1010/101H College Composition 1/Honors	3
CHEM 1300 and 130L/ 130H General Chemistry I and Lab/Honors	5
MATH 1610/161H Calculus I/Honors	5
OT36 Arts and Humanities Elective <i>Recommend ART or MUS</i>	3
Total Credit Hours	16

Course Number & Name	Credits
ENG1012/101H College Composition 2/Honors	3
CHEM 1310 and 131L/131H General Chemistry II and Lab/Honors	5
MATH 1620/162H Calculus II/Honors	5
OT36 Social and Behavioral Sciences Elective <i>Recommend HIST or POL</i>	3
Total Credit Hours	16

Year 2

Course Number & Name	Credits
PHYS 2310 General Physics I	5
CHEM 2300 Organic Chemistry I	5
OT36 Social and Behavioral Sciences Elective <i>Recommend PSY 1010/101H</i>	3
*Elective	3-4
Total Credit Hours	16-17

Course Number & Name	Credits
PHYS 2320 General Physics II	5
CHEM 2310 Organic Chemistry II	5
OT36 Arts and Humanities Elective <i>Recommend ENG</i>	3
Elective (if needed to reach 60 credits)	3
Total Credit Hours	13-16

Associate of Science Degree Awarded: Total Hours 64-65

*A student can take MATH 2310/231H Calculus III/Honors if desired or they can wait until they transfer to Ursuline.

This Transfer Pathway completes the Associate of Science degree, which must total at least 60 semester credits and includes 36 credits of the Ohio Transfer 36 (OT36, formerly OTM), which are approved Tri-C general education requirements. OT36 details can be found at <https://www.ohiohighered.org/Ohio-Transfer-36>

Suggested Degree Plan at Ursuline College

Year 3

Course Number & Name	Credits
UC 201 Identity, Diversity & Community	3
RS xxx	3
MAT 223 Calculus III or Elective	3-4
Elective	3
Elective	3
Total Credit Hours	15-16

Course Number & Name	Credits
PH xxx (300 level or higher)	3
Elective	3
Elective	3
Elective	3
Elective	3
Total Credit Hours	15

Year 4

Course Number & Name	Credits
CH 320/L Analytical Chemistry w/ lab	4
CH 410 Survey of Physical Chemistry	3
RS xxx (300 level or higher)	3
Elective	3
Elective	3
Total Credit Hours	16

Course Number & Name	Credits
CH 422/L Biochemistry w/ lab	4
Choose 1:	3
CH 487 Undergraduate Research	
CH 475 Academic Internship	
UC 401 Capstone Seminar	3
Elective	3
Elective (if needed for degree completion)	3
Total Credit Hours	16

Bachelor of Arts Degree Awarded: Total Hours 120

Ursuline College requires a minimum of 120 total credit hours for graduation. At least 50% of the students major must be completed as the residency requirement at Ursuline College. All Ursuline Core requirements, general requirements, and all requirements for the major must be completed along with a cumulative grade point of average of at least 2.0 for graduation. Students deficient in total credits, residency requirements, or in minimum cumulative grade point average must take additional elective credits to meet the minimum requirements.

Students who qualify under the Articulation Agreement with Tri-C may be eligible to have two distribution classes waived. Contact an admission counselor at Ursuline College to see if you qualify.

This pathway represents one example of how to complete the Associate and Bachelor degrees. Students should work closely with advisors at both institutions to discuss options. Course sequence may change based on the individual needs of the student and schedule type required.

This information is provided by both institutions solely for convenience and expressly disclaims any liability which may otherwise be incurred. This is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, each institution reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.

Ursuline Contact Information:

Dr. Sarah Preston, Chemistry Department
Chair spreston@ursuline.edu
440.6846073

Laryn Runco, Assistant Director, Transfer
Admission laryn.runco@ursuline.edu
440.684.6059

Dr. Elizabeth Kavran, Dean
ekavran@ursuline.edu

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