

**Degree Plan/Pathway**  
**Associate of Science (Chemistry pre-major) to**  
**Bachelor of Arts in Chemistry**  
*2021-2022 Catalog*

**Year 1**

Course Number & Name	Credits
<b>CHEM 1500</b> General Chemistry I	5
<b>ENGL 1110</b> English Composition I	3
<b>FYEX 1000</b> First Year Experience	1
<b>MATH 2500</b> Calculus and Analytical Geometry I	5
Arts and Humanities OT36 Elective <i>Recommend ARTS or MUSC</i>	3
<b>Total Credit Hours</b>	<b>17</b>

Course Number & Name	Credits
<b>CHEM 1600</b> General Chemistry II	5
<b>ENGL 1120</b> English Composition II	3
<b>MATH 2600</b> Calculus and Analytical Geometry I	5
Arts and Humanities OT36 Elective <i>Recommend ENGL literature</i>	3
<b>Total Credit Hours</b>	<b>16</b>

**Year 2**

Course Number & Name	Credits
<b>CHEM 2500</b> Organic Chemistry I	5
<b>PHYS 2410</b> Science and Engineering Physics I	5
Behavioral Sciences OT36 Elective <i>Recommend PSYC 1500 or SOCY 1150</i>	3
<b>CHEM 2000</b> Quantitative Analysis	5
<b>Total Credit Hours</b>	<b>18</b>

Course Number & Name	Credits
<b>CHEM 2600</b> Organic Chemistry II	5
<b>PHYS 2420</b> Science and Engineering Physics II	5
Macro-Social Science OT36 Elective <i>Recommend HIST or POLS</i>	3
<b>Total Credit Hours</b>	<b>13</b>

**Associate of Arts Degree Awarded: Total Hours 60**

*This Transfer Pathway completes the Associate of Arts 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
<b>UC 201</b> Identity, Diversity & Community	3
<b>CH 320/L</b> Analytical Chemistry w/ lab	4
Elective	3
RS xxx	3
Elective	3
<b>Total Credit Hours</b>	<b>16</b>

Course Number & Name	Credits
PH xxx (300 level or higher)	3
<b>CH 410</b> Survey of Physical Chemistry	3
Elective	3
Elective	3
Elective	3
<b>Total Credit Hours</b>	<b>15</b>

## Year 4

Course Number & Name	Credits
CH 422/L Biochemistry w/ lab	4
<b>Choose 1:</b>	3
CH 487 Undergraduate Research	
CH 475 Academic Internship	
Elective	3
RS xxx (300 level or higher)	3
Elective	3
<b>Total Credit Hours</b>	<b>16</b>

Course Number & Name	Credits
UC 401 Capstone Seminar	3
Elective	3
Elective	3
Elective	3
Elective	3
<b>Total Credit Hours</b>	<b>15</b>

**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.*

***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.***

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