

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

Year 1

Course Number & Name	Credits
FYEX 1000 First Year Experience	1
ENGL 1110 English Composition I	3
MATH 2500 Calculus and Analytical Geometry I	5
Behavioral Sciences OT36 Elective <i>Recommend: PSYC 1500</i>	3
Arts and Humanities OT36 Elective <i>Recommend: ARTS or MUSC</i>	3
Total Credit Hours	13

Course Number & Name	Credits
ENGL 1120 English Composition II	3
MATH 2600 Calculus and Analytical Geometry II	5
Arts and Humanities OT36 Elective <i>Recommend: ENGL literature</i>	3
Macro-Social Sciences OT36 Elective <i>Recommend: HIST or POLS</i>	3
Total Credit Hours	14

Year 2

Course Number & Name	Credits
PHYS 1610 General Physics I	5
MATH 2700 Calculus and Analytical Geometry II	5
Electives	7
Total Credit Hours	16

Course Number & Name	Credits
PHYS 1620 General Physics II	5
MATH 2800 Linear Algebra	4
MATH 2850 Differential Equations	4
Electives	4
Total Credit Hours	17

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
UC 201 Identity, Diversity & Community	3
MAT 212 Introduction to Statistics	3
MAT 310 Number Theory	3
RS xxx	3
Elective	3
Total Credit Hours	15

Course Number & Name	Credits
PH xxx (300 level or higher)	3
MAT 205 Discrete Mathematics I	3
MAT 311 Abstract Algebra	3
Elective	3
Elective	3
Total Credit Hours	15

Year 4

Course Number & Name	Credits
MAT 312 Higher Geometries	3
MAT 313 Linear Algebra	3
MAT 350 Introduction to Analysis	3
RS xxx (300 level or higher)	3
Total Credit Hours	15

Course Number & Name	Credits
UC 401 Capstone Seminar	3
MAT 401 Mathematics Seminar	3
Choose 2:	6
MAT 206 Discrete Mathematics II	
MAT 412 Advanced Statistics	
MAT 420 History of Mathematics	
Elective	3
Total Credit Hours	15

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 student's 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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