



Associate of Science, Mathematics

Bachelor's Degree Transfer Major

2018–2019

DESCRIPTION:

The Associate of Science degree is designed to satisfy the first two years of a bachelor's degree in majors that require advanced math or science. Formal agreements have been made with colleges and universities which allow for coursework taken in the Associate of Science degree program at Columbus State to transfer and apply to a bachelor's degree.

The Associate of Science degree Mathematics transfer major is intended to provide students with the first two years of college mathematics education through Calculus III, Differential Equations and Linear Algebra.

ADMISSION REQUIREMENTS:

Students may begin this degree during any semester upon admission to the college. Eligibility for specific courses will be determined by evaluation of ACT or SAT scores, previous college credits, and Columbus State placement testing results (if required). Course descriptions and prerequisites are outlined in the Columbus State catalog at <http://www.csc.edu/academics/catalog/>.

ONGOING REQUIREMENTS:

All students must satisfactorily complete at least 61 credit hours of approved courses (a minimum of 20 credit hours must be completed at Columbus State) with an overall grade point average of 2.0 or better for all college-level courses completed at Columbus State. Consult with an Arts and Sciences Academic Advisor for Columbus State degree and graduation planning, assistance with developing and achieving academic goals, and information about transfer resources. Students should research program and admission requirements for their specific intended four-year institution and major early in their college career.

OPPORTUNITIES FOR GRADUATES:

Transfer:

The Associate of Science degree Mathematics transfer major is designed for students who are planning to transfer to a four-year college or university with the goal of completing a bachelor's degree in Mathematics. Graduating with the Associate of Science degree includes completion of the Ohio Transfer Module. As a result, Associate of Science graduates have fulfilled most of their general education requirements and once admitted to the four-year program, will be focused on upper-level major courses.

Career:

Research educational requirements, expected earnings, and job market predictions using the online Career Coach tool at <https://csc.edu/careercoach/>.

DEGREE REQUIREMENTS (A.S., MATHEMATICS):

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
ENGL 1100 or ENGL 1101 Composition I	AU/SP/SU	3	<ul style="list-style-type: none"> Consult an Arts and Sciences Academic Advisor early on to help you select courses required by your transfer institution of choice.
Visual/Performing Arts course *	AU/SP/SU	3	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
Foreign Language course series * or A.S. elective *	AU/SP/SU	4	
MATH 1151 Calculus I	AU/SP/SU	5	
Accumulated Credits Earned		16	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CHEM 1111 Elementary Chemistry I or CHEM 1171 General Chemistry I or other Natural Science course, with lab *	AU/SP/SU	4-5	<ul style="list-style-type: none"> Connect with appropriate University advisor at the Columbus State Transfer Center; visit transfer campus. Apply for scholarships for next autumn semester.
Foreign Language course series * or A.S. elective *	AU/SP/SU	4	
ENGL 2767 Composition II: Writing about Science & Tech. or other Intermediate Composition course *	AU/SP/SU	3	
MATH 1152 Calculus II	AU/SP/SU	5	
Semester hours/Credits		16-17	
Accumulated Credits Earned		32-33	Halfway point to A.S. degree!

SUMMER SEMESTER

Course	Term	Credits	Milestones/Progress Check
Social and Behavioral Science course *	AU/SP/SU	3	<ul style="list-style-type: none"> Consult an Arts and Sciences Academic Advisor early on to help you select courses required by your transfer institution of choice.
Historical Study course *	AU/SP/SU	3	
Semester hours/Credits		6	
Accumulated Credits Earned		38-39	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
MATH 2153 Calculus III	AU/SP/SU	5	<ul style="list-style-type: none"> Submit petition to graduate Re-connect with appropriate University advisor at the Columbus State Transfer Center; visit transfer campus. Submit transfer admission application.
CHEM 1112 Elementary Chemistry II or CHEM 1172 General Chemistry II or other Natural Science course, with lab *	AU/SP/SU	4-5	
Foreign Language course series * or A.S. elective *	AU/SP/SU	4	
Semester hours/Credits		13-14	
Accumulated Credits Earned		51-53	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
MATH 2255 Elementary Differential Equations	AU/SP/SU	4	<p style="text-align: center;">Ready for Graduation!</p>
MATH 2568 Linear Algebra	AU/SP/SU	4	
Social and Behavioral Science course *	AU/SP/SU	3	
ANTH 2200 Intro to Biological Anthropology or other Natural Science course	AU/SP/SU	3-5	
Semester hours/Credits		14-16	
Accumulated Credits Earned		65-69	

*Full list of course options: <https://www.csc.edu/academics/transfer/degrees.shtml>

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester

Requirements subject to change.