



AA DEGREE – CODE #0645

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The mathematics and science emphasis will provide you with a solid foundation in mathematics and/or science, perfect for transferring and entering into career programs that depend on those skills.

DIRECT ENTRY INTO BACCALAUREATE DEGREE PROGRAMS

Alfred State liberal arts and sciences: math and science graduates may enter directly into either the interdisciplinary studies BTech or the technology management BBA degree program.

CONTINUING EDUCATION OPPORTUNITIES

This program is designed in such a way that the student and adviser work together to match courses at Alfred State with first- and second-year courses at the desired transfer school so that the student may enter a baccalaureate program as a full third-year student. Some typical fields of study that graduates choose to enter are mathematics, statistics, math or science education, physical education, biology, chemistry, physics, physical therapy, athletic training, engineering, pre-med, pre-vet, dentistry, or pharmacy.

EMPLOYMENT STATISTICS

Employment and continuing education rate of 100 percent – 100% are employed; 0% continued their education.

RELATED PROGRAMS

[Biological Science](#)
[Forensic Science Technology](#)
[Individual Studies](#)
[Liberal Arts and Sciences: Humanities](#)
[Liberal Arts and Sciences: Social Science](#)
[Pre-Environmental Science and Forestry](#)

ENTRANCE REQUIREMENTS/RECOMMENDATIONS

Required: Algebra, Geometry, and Algebra 2; Biology; Chemistry or Physics

Recommended: Both Chemistry and Physics

REQUIRED COURSE PREREQUISITES

If students do not place into MATH 1033 College Algebra, MATH 1084 Calculus I, MATH 1323 Quantitative Reasoning, 1034 College Algebra of Functions, 1054 Precalculus, or 2124 Statistical Methods & Analysis, then MATH 1014 Algebra Concepts is a required prerequisite for completion of the major.

If students do not place into PHYS 1024 General Physics I or PHYS 1044 College Physics I, then PHYS 1014 Introductory Physics is a required prerequisite for completion of this major.

OFFICE OF ACCESSIBILITY SERVICES

Students who believe they need a reasonable accommodation to properly participate in this program may contact Melanie Ryan in the Office of Accessibility Services. This office may be contacted by email at oas@alfredstate.edu or by phone at 607-587-4506. Please keep in mind that some accommodations may take time to implement, so students seeking accommodations are encouraged to contact OAS as early as possible.

LIBERAL ARTS & SCIENCES: MATH AND SCIENCE - AA DEGREE

TYPICAL FOUR-SEMESTER PROGRAM

First			
XXXX	xxx3	Freshman Composition	3
XXXX	xxxx	Mathematics	3-4
XXXX	xxx4	Laboratory Science	4
XXXX	xxx3	Psychology or Sociology	3
XXXX	xxx3	Gen. Education Elective	3
XXXX	xxx1	Phys Ed Elective	1
			17-18

Second			
XXXX	xxx3	Literature Elective	3
XXXX	xxx3	Mathematics	3-4
XXXX	xxx4	Laboratory Science	4
GLST	2113	Global & Diverse Perspectives	3
XXXX	xxx3	Computer Language or Philosophy Elective	3
			16-17

Third			
XXXX	xxxx	Mathematics and/or Science	6-8
XXXX	xxx3	Effective Speaking or Its Equivalent	3
XXXX	xxx6	Free Elective	6
			15-17

Fourth			
XXXX	xxxx	Mathematics and/or Science	6-8
XXXX	xxx9	Free Elective	9
			15-17

GRADUATION REQUIREMENTS

A minimum of 61 credit hours is required for graduation with a cumulative index of 2.0. Students must also have a cumulative index of at least 2.0 in mathematics and science sequence courses.