Associate of Arts Degree
Transfer Pathway
Mathematics/Mathematics Education

The following is a recommended sequence of courses for completing this Associate of Arts degree and transfer to a university. Developmental courses and prerequisite courses may not all be listed on the pathway below. Developmental courses and prerequisite course requirements, credit load and/or course availability may affect a student's individual progress. The pathway below is specifically intended for full-time students who begin their course work with the Fall semester. Students should always consult their online degree planner for the catalog year that they entered the college and meet with their Academic Advisor each semester to better understand typical course availability and individual program planning as this plan is subject to change.

Required Courses and Recommended Sequence

Courses in *italics* are *recommended*; all others are required.

Semester One - Summer

Curriculum Area	**Required/*Recommended* Courses**	**Total Credit Hours**
Gen Ed Area II Mathematics	MAC 1140 Precalculus Algebra	3 credits
Gen Ed Area II Mathematics	MAC 1114 Trigonometry	3 credits
	Total Credit Hours	**6 credits**

Semester Two - Fall

Curriculum Area	**Required/*Recommended* Courses**	**Total Credit Hours**
Gen Ed Area II Mathematics	MAC 2311 Calculus with Analytic Geometry I	4 credits
Gen Ed Area II Mathematics	STA 2023 Elementary Statistics	3 credits
Gen Ed Area I Communications	ENC 1101 Written Communication I *	3 credits
Gen Ed Area IV Humanities	*MUL 2010 Music Appreciation*	3 credits
Gen Ed Area III Social Sciences	AMH 1020 U.S. History 1877 to Present ^ *or* POS 1041 American Government ^	3 credits
	Total Credit Hours	**16 credits**

Semester Three – Spring

Curriculum Area	**Required/*Recommended* Courses**	**Total Credit Hours**
Gen Ed Area II Mathematics	MAC 2312 Calculus with Analytic Geometry II	4 credits
Gen Ed Area V Natural Science	PHY 1020C Fundamentals of Physics	3 credits
Gen Ed Area I Communications	ENC 1102 Written Communication II *	3 credits
Elective	*CGS 1000 Computer Information Systems*	3 credits
	Total Credit Hours	**13 credits**

Semester Four - Fall

Curriculum Area	**Required/*Recommended* Courses**	**Total Credit Hours**
Gen Ed Area II Mathematics	MAC 2313 Calculus with Analytic Geometry III or MAP 2302 Differential Equations	4 credits or 3 credits
Gen Ed Area IV Humanities	*PHI 2600 Applied Ethics*	3 credits
Gen Ed Area III Social Sciences	*ANT 2000 Introduction to Anthropology *+*	3 credits
Elective	COP 2510 Programming Concepts	3 credits
	Total Credit Hours	**12-13 credits**

Semester Five - Spring

Curriculum Area	**Required/*Recommended* Courses**	**Total Credit Hours**

Gen Ed Area I Communications	SPC 1608 Fundamentals of Speech Communication	3 credits
Gen Ed Area V Natural Science	*BSC, CHM, PHY course with corresponding lab*	4-5 credits
Gen Ed Area II Mathematics	MAP 2302 Differential Equations or MAC 2313 Calculus with Analytic Geometry III	3 credits or 4 credits
Gen Ed Area III Social Sciences	*INR 2002 International Relations *+*	3 credits
	Total Credit Hours	**13-15 credits**
	Total Degree Credit Hours	**61 Credits**

Other Math Options:
MAD 2104 Discrete Mathematics
MAS 2103 Linear Algebra

Math Education Track:
EDF 1005 Introduction to the Teaching Profession + Field Experience (3 credits)
EDF 2085 Introduction to Diversity for Educators + Field Experience (3 credits)
EME 2040 Introduction to Technology for Educators (3 credits)

** Gordon Rule*
+ International/Intercultural
^ Civic Literacy

Students must meet the foreign language requirement of having completed two sequential foreign language courses in high school or at the postsecondary level (8 semester hours). Foreign language requirement has not been built into A.A. transfer pathway and will be additional requirement, if needed, prior to completion of Associate of Arts degree.

Students with questions pertaining to Mathematics/Mathematics Education are encouraged to contact the department of Mathematics.

Please check with the transfer University of your choice by the third semester at SCF for any prerequisites they may require.