



**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

Semester One – Summer

MAC 1140 Precalculus Algebra	3 credits
MAC 1114 Trigonometry	3 credits
Total Credit Hours	6 credits

Semester Two - Fall

MAC 2311 Calculus with Analytic Geometry I	4 credits
STA 2023 Elementary Statistics	3 credits
ENC 1101 Written Communication I*	3 credits
ECO 2013 Principles of Macroeconomics+	3 credits
Total Credit Hours	13 credits

Semester Three - Spring

MAC 2312 Calculus with Analytic Geometry II	4 credits
PHY 1020C Fundamentals of Physics	3 credits
CGS 1000 Computer Information Systems	3 credits
ENC 1102 Written Communication II*	3 credits
Total Credit Hours	13 credits

Semester Four - Summer

MUL 2010 Music Appreciation	3 credits
Total Credit Hours	3 credits

Semester Five - Fall

MAC 2313 Calculus with Analytic Geometry III	4 credits
PHI 2600 Applied Ethics	3 credits
COP 2510 Programming Concepts	3 credits
ANT 2000 Introduction to Anthropology*+	3 credits
Total Credit Hours	13 credits

Semester Six - Spring

MAP 2302 Differential Equations	3 credits
INR 2002 International Relations*+	3 credits
BSC, CHM, PHY course with corresponding Lab <i>Gen Ed Area V Natural Science</i>	4-5 credits

SPC 1608 Fundamentals of Speech Communication	3 credits
Total Credit Hours	13-14 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

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.