Associate of Arts Degree
Transfer Pathway
Physics

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 - Fall

Curriculum Area	Required/*Recommended* Courses	Total Credit Hours
Gen Ed Area I Communications	ENC 1101 Written Communication I *	3 credits
Gen Ed Area V Natural Science	CHM 1025C Introductory Chemistry	5 credits
Gen Ed Area V Natural Science	CHM 1025L Introductory Chemistry Lab	0 credits
Gen Ed Area II Mathematics	MAC 1140 Precalculus Algebra	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	**14 credits**

Semester Two - Spring

Curriculum Area	Required/*Recommended* Courses	Total Credit Hours
Gen Ed Area I Communications	ENC 1102 Written Communication II *	3 credits
Gen Ed Area V Natural Science	CHM 2045C General Chemistry I	5 credits
Gen Ed Area V Natural Science	CHM 2045L General Chemistry I Lab	0 credits
Gen Ed Area II Mathematics	MAC 2311 Calculus with Analytic Geometry I	4 credits
Gen Ed Area IV Humanities	*course to meet Gordon Rule and International/Intercultural Requirement *+*	3 credits
	Total Credit Hours	**15 credits**

Semester Three - Fall

Curriculum Area	Required/*Recommended* Courses	Total Credit Hours
Gen Ed Area V Natural Science	CHM 2046C General Chemistry II	5 credits
Gen Ed Area V Natural Science	CHM 2046L General Chemistry II Lab	0 credits
Gen Ed Area V Natural Science	PHY 2048C General Physics I with Calculus	5 credits
Gen Ed Area V Natural Science	PHY 2048L General Physics I with Calculus Lab	0 credits
Gen Ed Area II Mathematics	MAC 2312 Calculus with Analytic Geometry II	4 credits
Gen Ed Area IV Humanities	Any Area IV course	3 credits
	Total Credit Hours	**17 credits**

Semester Four - Spring

Curriculum Area	Required/R*ecommended* Courses	Total Credit Hours
Gen Ed Area V Natural Science	PHY 2049C General Physics II with Calculus	5 credits
Gen Ed Area V Natural Science	PHY 2049L General Physics II with Calculus Lab	0 credits

Gen Ed Area II Mathematics	MAC 2313 Calculus with Analytic Geometry III	4 credits
Gen Ed Area I Communications	SPC 1608 Fundamentals of Speech Communication	3 credits
Gen Ed Area III Social Sciences	*course to meet Gordon Rule and International/Intercultural Requirement *+*	3 credits
	Total Credit Hours	**15 credits**
	Total Degree Credit Hours	**61 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 Physics are encouraged to contact the department of Natural Science.

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