



## 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

#### **Semester One - Fall**

ENC 1101 Written Communication I*	3 credits
CHM 1025C Introductory Chemistry	5 credits
CHM 1025L Introductory Chemistry Lab	0 credits
MAC 1105 College Algebra	3 credits
Gen Ed Area IV Humanities ( <i>course to meet Gordon Rule and International/Intercultural Requirement</i> )*+	3 credits
<b>Total Credit Hours</b>	<b>14 credits</b>

#### **Semester Two - Spring**

ENC 1102 Written Communication II*	3 credits
CHM 2045C General Chemistry I	5 credits
CHM 2045L General Chemistry I Lab	0 credits
MAC 1114 Trigonometry	3 credits
MAC 1140 Precalculus Algebra	3 credits
<b>Total Credit Hours</b>	<b>14 credits</b>

#### **Semester Three - Summer**

MAC 2311 Calculus with Analytic Geometry I	4 credits
Gen Ed Area III Social Science	3 credits
<b>Total Credit Hours</b>	<b>7 credits</b>

#### **Semester Four - Fall**

CHM 2046C General Chemistry II	5 credits
CHM 2046L General Chemistry II Lab	0 credits
PHY 2048C General Physics I with Calculus	5 credits
PHY 2048L General Physics I with Calculus Lab	0 credits
MAC 2312 Calculus with Analytic Geometry II	4 credits
Gen Ed Area IV Humanities	3 credits
<b>Total Credit Hours</b>	<b>17 credits</b>

#### **Semester Five - Spring**

PHY 2049C General Physics II with Calculus	5 credits
PHY 2049L General Physics II with Calculus Lab	0 credits
MAC 2313 Calculus with Analytic Geometry III	4 credits

SPC 1608 Fundamentals of Speech Communication	3 credits
Gen Ed Area III Social Science ( <i>course to meet Gordon Rule and International/Intercultural Requirement</i> )*+	3 credits
<b>Total Credit Hours</b>	<b>15 credits</b>
<b>Total Degree Credit Hours</b>	<b>67 Credits</b>

\* *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 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.*