



## Associate of Arts Degree Transfer Pathway Chemistry

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         |
| ANT 2000 Introduction to Anthropology*+ ( <i>recommended</i> )<br><i>Gen Ed Area III Social Science</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 - Fall

|  |                   |
|--|-------------------|
| CHM 2046C General Chemistry II             | 5 credits         |
| CHM 2046L General Chemistry II Lab         | 0 credits         |
| BSC 2010C Fundamentals of Biology I        | 5 credits         |
| BSC 2010L Fundamentals of Biology I Lab    | 0 credits         |
| MAC 2311 Calculus with Analytic Geometry I | 4 credits         |
| <b>Total Credit Hours</b>                  | <b>14 credits</b> |

#### Semester Four - Spring

|  |                   |
|--|-------------------|
| CHM 2210C Organic Chemistry I  | 5 credits         |
| CHM 2210L Organic Chemistry I Lab  | 0 credits         |
| PHY 2048C General Physics with Calculus I  | 5 credits         |
| PHY 2048L General Physics with Calculus I Lab  | 0 credits         |
| SPC 1608 Fundamentals of Speech Communication  | 3 credits         |
| LIT 2000 Introduction to Literature*+ ( <i>recommended</i> )<br><i>Gen Ed Area IV Humanities</i> | 3 credits         |
| <b>Total Credit Hours</b>  | <b>16 credits</b> |

**Semester Five - Fall**

|  |                   |
|--|-------------------|
| CHM 2211C Organic Chemistry II                 | 5 credits         |
| CHM 2211L Organic Chemistry II Lab             | 0 credits         |
| PHY 2049C General Physics with Calculus II     | 5 credits         |
| PHY 2049L General Physics with Calculus II Lab | 0 credits         |
| Gen Ed Area III Social Science                 | 3 credits         |
| Gen Ed Area IV Humanities                      | 3 credits         |
| <b>Total Credit Hours</b>                      | <b>16 credits</b> |
| <b>Total Degree Credit Hours</b>               | <b>74 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 Chemistry 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.*