



Chemistry Associate in Science in General Science

Recommended Sequence	Credits
First semester (Fall)	
<input type="checkbox"/> ENG 140 English Composition I	3
<input type="checkbox"/> CHE 164 General Chemistry I	4
<input type="checkbox"/> BIO 162 General Biology I	4
<input type="checkbox"/> MAT 141 Precalculus*	3
	14
Second semester (Spring)	
<input type="checkbox"/> ENG 141 English Composition II	3
<input type="checkbox"/> CHE 165 General Chemistry II	4
<input type="checkbox"/> BIO 163 General Biology II	4
<input type="checkbox"/> MAT 201 Calculus I	4
	15
Third semester (Fall)	
<input type="checkbox"/> CHE 210 Organic Chemistry I	4
<input type="checkbox"/> _____ GE Social Science Elective (3A)	3
<input type="checkbox"/> _____ GE Humanities Elective (3B)	3
<input type="checkbox"/> MAT 202 Calculus II	4
	14
Fourth semester (Spring)	
<input type="checkbox"/> CHE 211 Organic Chemistry II	4
<input type="checkbox"/> MAT 151 Statistics	3
<input type="checkbox"/> _____ Laboratory Science Elective	4
<input type="checkbox"/> _____ GE Soc. Sci./Hum Elective (3)	3
<input type="checkbox"/> _____ Free Elective	3
	17
Total Credits for Degree	60

*Enrollment by exam or prerequisite.

General Education Requirements for A.S.

1. COMMUNICATION

Must complete 6 credits from the following:

ENG-140 ENG-141

COM-143 or COM-105

2. MATHEMATICS – SCIENCE – TECHNOLOGY

Must complete 9 credits as specified by category:

A. Mathematics (3-6 credits)

MAT-110 MAT-111 MAT-131

MAT-141 MAT-150 MAT-151

B. Science (4-8 credits)

BIO-145 BIO-150 BIO-162 BIO-163

BIO-165 BIO-170 BIO-176 BIO-262

CHE-110 CHE-164

C. Technology (0-4 credits)

CSC-102 CSC-103 CSC-112

3. SOCIAL SCIENCE – HUMANITIES

Must complete a total of 9 credits from A & B with at least 3 credits in each category:

A. Social Science (3-6 credits)

ANT 289 ECO-188 ECO-189 GEO-105

POL -101 POL -115 POL-201 PSY-101

PSY-175 SOC-103 SOC-202

B. Humanities (3-6 credits)

ART-101 ART-105 ART-106 ART-107

ENG-199 ENG-201 ENG-202 ENG-240

ENG-241 ENG-242 FOR-101 FOR-103

FOR-133 FOR-151 FOR-201 FOR-251

HIS-101 HIS-102 HIS-113 HIS-114

HIS-220 HIS-225 HIS-250 HIS-260

MUS-191 MUS-211 PHI-101 PHI-102

PHI -103 PHI-204 PHI-261 THE-193

CHEMISTRY

Associate in Science in General Science

The Associate in Science in Chemistry Option is recommended for students with an interest in chemistry or biochemistry and considering career paths involving environmental chemistry, forensics, chemical engineering or geological chemistry. This program prepares students to enter the second half of a prescribed program in the areas referenced above at a four-year institution.

Some programs this degree prepares you for: Chemistry or Biochemistry; Chemical Engineering; Environmental Chemistry; Food Chemistry; Forensics; or Geological Chemistry.

Some career fields the previous programs can help prepare you for: Lab Coordinating; Research Assistant; Product Testing; Crime Scene Investigator; and Pollution Inspector.

Elective Categories:

Students may select courses from any of the disciplines listed below each category to full-fill any remaining degree requirements above and beyond their General Education Requirements.

SOCIAL SCIENCE:

ANT CRJ ECO POL PSY SOC

HUMANITIES:

ART COM FOR ENG* HIS MUS PHI THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

BUSINESS:

ACC BUS COM121 CSC ECO GRD LST

LIBERAL ARTS:

ANT ART BIO COM CHE CRJ ECO

ENG* FOR HIS MAT MUS PHI PHY

POL PSY SOC THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

FREE:

Any college-level (100+) course that is not required as part of the degree program