

Science, Engineering and Math Professional Associate in Science

Chemistry, Engineering, Mathematics, Physics, Related Careers

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The Associate in Science in Science, Engineering and Math Professional offers a well-rounded general education degree, including a concentration in courses which prepares students for transfer to four-year institutions.

These courses are suggested by the department to meet the Associate in Science degree requirements. For a complete list of course options, please refer to the general Associate in Science curriculum guide. This degree can be adapted for various transfer institutions. Please contact an advisor to determine specific course requirements at the receiving institution prior to selecting general education options or electives.

Communications	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> ENGL 103 or ENGL 103W	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> SPEE 104	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
Mathematics	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> MATH 136	MATH 127 or satisfactory test scores
Natural Science/Mathematics	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> CHEM 101	MATH 127 (concurrent enrollment allowed); CHEM 100 or one year of high school chemistry with minimum grade of B taken within the last 5 years; CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> CHEM 102	CHEM 101; MATH 127 or test score
<input type="checkbox"/> MATH 131	MATH 127 or satisfactory test score
<input type="checkbox"/> MATH 141	MATH 131 and MATH 136 or satisfactory test score
<input type="checkbox"/> MATH 142	MATH 141
Social Science	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> POSC 201	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> SOCI 201	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
Humanities	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> ART 110	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
<input type="checkbox"/> PHIL 201	CRIT 103 or CRIT 103W or test scores (concurrent enrollment allowed)
Core Classes	Prerequisites (Minimum Grade of C Required)
<input type="checkbox"/> MATH 201	MATH 142
<input type="checkbox"/> MATH 205	MATH 142
<input type="checkbox"/> PHYS 201	MATH 141
<input type="checkbox"/> PHYS 202	PHYS 201

First Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ENGL 103 or ENGL 103W	Freshman English II or Freshman English II w/ Workshop	3-4
CHEM 101	General Chemistry I	5
MATH 131	Precalculus Trigonometry	3
MATH 136	Precalculus Algebra	4
	Total Credits	15-16

Second Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
SPEE 104	Introduction to Human Communication	3
POSC 201	American Government	3
CHEM 102	General Chemistry II	5
MATH 141	Analytical Geometry and Calculus I	4
	Total Credits	15

Summer		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
MATH 142	Analytical Geometry and Calculus II	4

Third Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
ART 110	Art Appreciation	3
MATH 205	Differential Equations and Linear Algebra	4
PHYS 201	General Physics I	5
	Total Credits	12

Fourth Semester		
<i>Course ID</i>	<i>Course Name</i>	<i>Credits</i>
PHIL 201	Introduction to World Religion	3
SOCI 201	Principles of Sociology	3
MATH 201	Calculus III	4
PHYS 201	General Physics II	5
	Total Credits	15

Total Program Credits = 61-62
Courses taken out of sequence may delay a student's ability to complete the program in a timely manner.