



A.S.

Associate's Degree
(Two-year program)



STEM PATHWAY

Why STEM?

This two-year (60(62)credit) pathway prepares students for programs that allow graduates to undertake professional careers that require a solid foundation in math and science.

These programs are generally technically rigorous and designed for students with a strong interest in training beyond the bachelor's degree. This may include such fields as Engineering, Physical or Occupational Therapy, Pharmacy, Medicine or other science fields.

In these fields graduates often work in complex teams on crucial issues and often assume leadership positions which rely on effective communication and problems solving in addition to expertise in their field.

START HERE — *Go Anywhere*



STEM PATHWAY

Degree Requirements

Program course requirements are presented in sequence. Part-time students and others who cannot follow this sequence should check Course Descriptions to determine pre-requisites, and should consult their advisor regarding the order in which to take courses. Students should consult the catalog of the institution to which they expect to transfer and should select appropriate core requirement and elective courses in consultation with their advisor.

First Year

Fall Semester: 15(16) Credits

WRIT 101 College Writing I 3
Mathematics Core Requirement 3(4)
CAPP 131 Basic MS Office 3
COLS 101 Intro to College Studies 2
Science Core Requirement (3)4

Spring Semester: 16 Credits

Written Communication Core Requirement 3
Mathematics Elective 3(4)
LSCI 101 Intro to Information Literacy 2
Science Core Requirement 3(4)
Oral Communication Core Requirement 3

Second Year

Fall Semester: 14(13) Credits

Mathematics Elective 3(4)
Science Elective 3(4)
History & Social Science Core Requirement 3
Humanities & Fine Arts Core Requirement 3

Spring Semester : 15(16) Credits

Science Elective (3)4
Humanities & Fine Arts Core Requirement 3
History & Social Science Core Requirement 3
Electives 5(6)

Suggested Math & Science Courses for Students Pursuing Engineering: CHMY 141/142 College Chemistry I & Lab (Fall), CHMY 143/144 College Chemistry II & Lab (Spring), PHSX 220/221 Physics I (w/Calculus) & Lab (Fall), PHSX 222/223 Physics II (w/Calculus) & Lab (Spring), M 171 Calculus I (Fall), M 172 Calculus II (Spring)

Suggested Math & Science Courses for Students Pursuing Engineering Technology: CHMY 121/122 Intro to General Chemistry & Lab or CHMY 141/142 College Chemistry I & Lab (Fall), PHSX 220/221 Physics I (w/Calculus) & Lab (Fall), PHSX 222/223 Physics II (w/Calculus) & Lab (Spring), M 171 Calculus I (Fall), M 172 Calculus II (Spring)

TOTAL CREDITS

60(62)

*NOTE: 3 credits of either Humanities & Fine Arts or History & Social Sciences must meet the Cultural Diversity requirement.
One science lab must be a standalone lab.*

