Program Description: The Mathematics/Science Program is designed to provide the foundation for students who plan to attend a four-year institution and major in mathematics, biology, chemistry, earth/space science, or physics. Students completing the Program will have taken the basic mathematics and science courses necessary to pursue academic, research, or industrial, careers in such diverse areas as biology, biotechnology, ecology, wildlife biology, organic chemistry, physical chemistry, biochemistry, astronomy, geology, physics, mathematics and applied mathematics. Students are strongly urged to meet with a Mathematics or Science faculty advisor and consult with the DCCC Transfer Office prior to course selection to determine the appropriate sequence and level of courses.

Program Outcomes:
Upon successful completion of this program, students should be able to:
- Apply the concepts of mathematics to the solution of problems across the curriculum
- Demonstrate an understanding of scientific principles and concepts
- Apply scientific principles and concepts to problems and experiments
- Perform selected tasks relative to laboratory experiments in the natural sciences
- Use information from scientific literature in completing course competencies
- Interpret scientific data according to established standards

Semester by Semester Plan:

Semester 1:
ENG 100
Laboratory Science Elective
Mathematics Requirement
Social Science Elective
Open Elective

Semester 2:
ENG 112
Laboratory Science Elective
Mathematics Requirement
Social Science Elective
Open Elective

Semester 3:
Mathematics/Laboratory Science Electives
Humanities Elective
Social Science Elective
Open Elective

Semester 4:
Mathematics/Laboratory Science Electives
Humanities Elective
Open Elective
Total Credits: 62-79

Notes:

Area Requirements - Associate of Science Core Courses
Composition (6 credits): ENG 100 and ENG 112
Mathematics Electives: (6 to 10 credits): MAT 151 or above
Laboratory Science Electives: (8 credits): BIO 110 or above (Except BIO 150, 151, 220) CHE 110 or above, ESS 110 or above, PHY 110 or above
Social Science Electives: (6 credits): (see current college catalogue for appropriate college transfer social science courses)
Humanities Elective (6 credits): (see current college catalogue for appropriate college transfer humanities courses)
Social Science or Humanities Elective: (3 credits): (see current catalogue for appropriate college transfer social science or humanities courses)
Open Electives (15-22 credits): (May be used to take additional major courses. See current college catalogue for appropriate college transfer open courses)
Mathematics/Laboratory Science Electives (12 to 18 credits): BIO 110 or above, CHE 110 or above, ESS 110 or above, MAT 151 or above, PHY 110 or above