Department of Science and Technology

Science Students:
All incoming science major (except Biotechnology majors) should take SCI 100 in their first Fall semester.

Students interested in transferring to BS Programs in Biology/Biotechnology/Chemistry:
Entering freshman should take CHM 121 General Chemistry I in the first semester (if they have the prerequisites), so that they could take CHM 122 in second semester, and CHM 211 & CHM 212 Organic Chemistry sequence as electives in the next year.

Engineering Science Students:
Any incoming freshman engineering student, regardless of their background, should take ESC 100 - Introduction to Engineering in their first semester. Ideally, take Calculus I, in the first semester, followed by Calculus based Physics I in the second semester. In a rare case where the student has not had physics in high school, that student ought to take SCI 101 (Introduction to Physics) in the first semester.

Technology Students (Mechanical or Architectural Design and Drafting):
- It is highly recommended that the student take TECH 115 Engineering Technology Fundamentals in the first semester. This is the freshman seminar course for the technologies which incorporates college survival skills and orientation to the major.
- A student who initially enrolls in the spring semester is "off cycle" and should be told that it will take a minimum of 5 semesters to graduate.
- A student who needs GST courses will also require more than 4 semesters to graduate.
- A student who initially enrolls in the fall semester needs to enroll in TECH 105, Engineering Drawing I if they plan to graduate in four semesters as this course is the first of a 4-part sequence. Architectural students who have college level reading skills should also enroll in TECH 130. Mechanical students who have college level reading skills should also enroll in TECH 101.
- If student has not taken high school physics and they met the math prerequisite of high school algebra or GST 142, they should be encouraged to take SCI 101 (Introduction to Physics) in the first semester.

Choices for Non-Science Students, interested in lab-science credits:
BIO 111 Biology of Man: The Organism
BIO 112 Biology of Man: Genetics, Evolution and Environment
GIS 100 Introduction to Geographic Information Systems
SCI 101 Physical Science I (Introduction to Physics)
SCI 102 Physical Science II (Introduction to Chemistry)
SCI 131 Introduction to Geology
SCI 137 Chaos: The Self-Organizing Universe

Choices for Non-Science Students, interested in science non-lab credits:
AVT 100 General Aeronautics
SCI 151 Introduction to Astronomy