



# SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

If you are a new student and your major is a part of the STEM Major CAP, these are suggested courses for your first semester as a full-time student. If you are planning to attend college part-time, you may enroll in fewer courses or less than 12 units. It is highly recommended that you enroll in English and Math starting your first semester. If you have concerns regarding the suggested courses below, please see a counselor.

Select courses from the suggested list:

- ENGLISH 101 (3 units) or ESL 110 (for non-native speakers, 4 units)
- MATH 240 or 259 (select one course, 3-6 units)
- Any [General Education](#) course (select one course, 3 units)
- COUNSEL 001, 004, 020, COLLEGE 101, or LIB SCI 101 (select one course, 1-3 units)
- Major Course (select one or more courses related to your major, 3-5 units)
  - ANTHROPOLOGY – 102, 116 OR 121
  - BIOLOGY – CHEM 060
  - CHEMISTRY – CHEM 060
  - COMPUTER SCIENCE – CS 101
  - EARTH SCIENCE – CHEM 060, OCEANO 001
  - ENGINEERING –ARC 172, CHEM 060
  - ENGINEERING TECHNOLOGY: INDUSTRIAL/MANUFACTURING – CIS 104, ENG GEN 101, NUM CON 021, T&M 027
  - ENGINEERING TECHNOLOGY: MECHANICAL ENGINEERING – ENG GEN 101, EGT 211, MSCNC 114, T&M 027
  - GEOGRAPHY – GEOG 017 or (GEOG 001 AND GEOG 015)
  - GEOLOGY – CHEM 060, GEOLOGY 001
  - KINESIOLOGY – BIOLOGY 003, KIN MAJ 100
  - PHYSICS – CHEM 060
  - REGISTERED NURSE – BIOLOGY 003 or 005, CHEM 051, PSYCH 001
  - RESPIRATORY THERAPY – BIOLOGY 003 or 005, CHEM 051, PSYCH 001