Major: BIOINFORMATICS

Importance of an early start:
This is a course-intensive and/or highly sequential program, and students who intend to pursue this major must begin taking classes for the major in their first term at UCSC.

Qualification requirements and/or prerequisites for the major:
Admission to this major is selective. Students will be accepted to the major based on their grade point average in selected introductory courses. Detailed information about admission to this major will be available to students in the fall.

• Take the online mathematics placement exam (see http://undergrad.pbsci.ucsc.edu/enrollment/math-placement/index.html). Students who have completed a college-level transferable pre-calculus or calculus course, or who have earned a 3 or higher on the AP calculus AB or BC exam do not need to take the placement exam but should ensure their official records are sent.
• Students with college-level transferable courses must mail or email a copy of the transcript to Baskin School of Engineering Undergraduate Advising by July 1, in addition to providing the official transcript to the UCSC Admissions Office.

Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...

...and should take these courses their first term:
Math 3, Precalculus, or Math 19A: Calculus for Sci, Eng, Math
and one of the following:
CHEM 1A: General Chemistry, OR
CMPS 12A/L: Intro. to Programming (accelerated) OR
CMPS 5J: Intro. to Programming in Java (if no programming experience)
If unable to enroll in CHEM 1A or programming course, then enroll in BME 80G, Bioethics.

Skills important for success in this major:
Mathematics, science, logical reasoning, and writing. A desire to apply science and computing to solving problems of global health and medicine.

Links to More Information:
http://admissions.ucsc.edu/academics/majors/index.html (general info)
http://registrar.ucsc.edu/catalog/programs-courses/index.html (major requirements, course descriptions, etc.)
http://www.bme.ucsc.edu/bioinformatics (department or program website)

Questions? Contact an Adviser!
Baskin School of Engineering Undergraduate Advising
(831) 459-5840 or advising@soe.ucsc.edu
BSOE Undergraduate Affairs