Students are admitted to UCSC with a "proposed major" in most cases, and later petition to officially declare the major. Admission to UCSC does not guarantee acceptance into a particular major. Students must be declared in a major by the end of the second year (or equivalent), so learning about and preparing for a major is a primary goal for first-year students.

**Major:**  
**HUMAN BIOLOGY, B.S.**

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

**Qualification requirements and/or prerequisites for the major:**  
To qualify for this major, students must pass with a grade of C or better the following courses or their equivalents: Chem 1A, Chem 1B, Chem 1C, Biol 20A and Bioe 20B. Students with two or more grades of C-, D+, D, D-, F or NP in the policy courses are not qualified to declare.

**Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...**  
• Determine your Math Placement by completing an assessment in ALEKS before July 17 at http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-assessment-guidelines.html. If you completed a college-level math course, or scored 3 or better on an AP or IB calculus exam, you may be able to use that for placement instead of the ALEKS assessment.

...and should take these courses their first term:  
The appropriate Mathematics class based on placement. Based on level of math and chemistry preparation, some students will also begin in CHEM 1A in their first term.

**Sample first year plan:**  
<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3: Precalculus</td>
<td>MATH 11A: Calculus with Applications and CHEM 1A: General Chemistry</td>
<td>MATH 11B: Calculus with Applications and CHEM 1B/M: General Chemistry</td>
</tr>
</tbody>
</table>

**Skills important for success in this major:**  
Critical and logical thought, complex problem solving using scientific rules and methods, deductive and inductive reasoning, strong language and communication skills.

**Links to More Information:**  
- [http://admissions.ucsc.edu/academics/majors/](http://admissions.ucsc.edu/academics/majors/) (general info)  
- [http://registrar.ucsc.edu/catalog/programs-courses/](http://registrar.ucsc.edu/catalog/programs-courses/) (major requirements, course descriptions, etc.)  
- [http://undergrad.pbsci.ucsc.edu/medb/hbiobs/](http://undergrad.pbsci.ucsc.edu/medb/hbiobs/) (program website)

**Questions? Contact an Adviser!**  
Betty O'Donnell, and Stephanie Zakarian  
459-4143 or biologyadvising@ucsc.edu  
142 Jack Baskin Engineering Bldg