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:** ECOLOGY AND EVOLUTION, 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:**
- Admission to this major is selective. Students will be accepted to the major based on their grades in selected introductory courses. Detailed information about admission to this major will be available to students in the fall.

**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 at [http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-aleks-overview.html](http://undergrad.pbsci.ucsc.edu/enrollment/math/math-placement/mp-aleks-overview.html). If you have completed a college-level math course, or have 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.
- Students who have taken college-level transferable classes that may apply to the requirements of this major should submit an unofficial transcript to the Biological Sciences Undergraduate Affairs Office prior to July 1, in addition to the official transcript required by the UCSC Admissions Office. Major requirements must be completed with a grade of C (2.0) or better.
- Students can take the Chemistry Self Assessment ([http://undergrad.pbsci.ucsc.edu/enrollment/chem/chem-assessment.html](http://undergrad.pbsci.ucsc.edu/enrollment/chem/chem-assessment.html)) for assistance in determining when to begin in general chemistry.

**...and should take these courses their first term:**

<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: 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.

**Sample first year plan:**

- Fall: MATH 3: Precalculus
- Winter: MATH 11A: Calculus with Applications and CHEM 1A: General Chemistry
- Spring: MATH 11B: Calculus with Applications and CHEM 1B: General Chemistry

**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/biology/](http://undergrad.pbsci.ucsc.edu/biology/) (program website)

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