

## Advising For Students Interested in Both BIOLOGY and ENVIRONMENTAL SCIENCE

Double majoring in Biology and Environmental Science is demanding but feasible for highly motivated students (requires 91-98 credits). More commonly, students complete a major in one department and a minor in the other (requires 70-72 credits). The recommendations provided here allow students to explore all options.

Any students with an interest in both programs should contact Professor of Biology **Linda Fink** (lfink@sbc.edu; x6436; Guion 121), and Chair of Environmental Studies **Rebecca Ambers** (rambers@sbc.edu; x6483; Gray 317), as soon as possible so the departments can include them on email distribution lists. Such students are also encouraged to explore SWEBOP programs.

### Environmental Science Recommendations:

- Students interested in environmental science should first register for **ENVR 101: *Introduction to Environmental Issues***, the gateway course for the major, ideally during the Fall term; it is also offered in the Spring term.
- These students should plan on taking **ENVR 203: *Freshwater Systems*** in their second Fall and **ENVR 143: *Physical Geography: Landscapes*** in their first or second Spring term.
- Students are encouraged to take **MATH 123: *Calculus I*** early in their careers, noting that some students will need to take *Precalculus* first.

### Biology Recommendations:

- The gateway course sequence in Biology consists of **BIOL 111: *Introduction to Organisms***, taught every semester; and **BIOL 112: *Introduction to Organism*** and **BIOL 113: *Introductory Laboratory Techniques***, both offered in the spring. Ideally a prospective major will take all three courses in her first year, but 111 is the most critical. A student with transfer credit for BIOL 111 and 112 is still required to take BIOL 113.
- A prospective major should complete at least one 200-level biology course in her second year. Students with transfer credit should consult with Professor Fink on a 200-level course to take in her first year (selected from **BIOL 214: *Plant Kingdom***, **BIOL 216: *Insect Biology***, **BIOL 218: *Field Natural History***, and **BIOL 230: *Comparative Vertebrate Morphology***).

### Joint Recommendation:

- **CHEM 131/141: *General Chemistry with Lab*** is required for both majors. Because it is a prerequisite for other required courses, it should be taken during a student's first or second Fall term. It is not offered during the Spring term.

### Recommended Course of Study for Pursuing Both Majors:

<i>Fall 1</i>	<i>Spring 1</i>	<i>Fall 2</i>	<i>Spring 2</i>
<b>ENVR 101</b> (3) <b>BIOL 111</b> (4) ENGL 104 (3) Language (3) elective (3)	<b>ENVR 143</b> (4) <b>BIOL 112, 113</b> (4) <b>MATH 123</b> (4) Language (3)	<b>ENVR 203</b> (4) <b>BIOL 2XX</b> (3-4) <b>CHEM 131, 141</b> (5) Language (3)	<b>ENVR 220</b> (3) <b>MATH 205</b> (3) <b>CHEM 231, 233</b> (5) Language (3)