

BIOLOGY PLACEMENT NOTES FOR ADVISERS

For questions, contact or refer students to: Robin Davies, Office: Guion 111 phone: 6196 email: davies@sbc.edu
For advisees interested in health-care careers, see the Pre-Medical and Health Careers Advising page.

ADVISING POTENTIAL BIOLOGY MAJORS

If you have an advisee with a moderate to strong interest in biology, please encourage her to talk with any Biology faculty member during her first semester. If you are confident that a student has made a firm decision to major in Biology, we recommend that she declare the major early. Rather than present advisers with a complicated "if-then" flow chart, we ask you to send these students to us.

THE INTRODUCTORY-LEVEL BIOLOGY CURRICULUM

1. Students with an interest in Biology begin with Biology 111, and then progress to Biology 112 and 113. The Biology major requires all three of these courses. BIOL 111 is offered both semesters, and should be completed in the student's first year. If a student waits until her sophomore year, scheduling may be difficult and her choice of electives is limited. Beyond BIOL 111, 112 and 113, course selection will depend on a student's interests and academic strengths.

BIOL 111 Introduction to Organisms. 3 hours lecture and 3 hours lab. At least one section each semester.

BIOL 112 Introduction to Cells. 3 hours lecture. Prerequisite: BIOL 111. BIOL 112 is offered in the spring semester.

BIOL 113 Introductory Laboratory Techniques. 3 hours lab. The course stresses biological methods and instrumentation, and is meant for students planning on majoring in biology or related sciences. We recommend that it be taken in the same semester as BIOL 112, but it may be taken later. Prerequisite or corequisite: BIOL 112. BIOL 113 is offered in the spring semester.

2. Students interested in taking a Biology course for General Education should take Biology 111. BIOL 104 (Plants and Human Affairs) will not be offered this year. BIOL 103 (Life Science by Inquiry) is intended for Liberal Studies majors and does not fulfill any General Education requirements.
3. To save room for incoming students, we limit the number of places for non-freshmen in the fall sections of Biology 111. After the first year students register, remaining spaces are available to upperclass students. If a *biology-oriented* rising sophomore is closed out of Biology 111 during Registration, please send her to talk with us.

2011-2012 COURSES MEETING GenEd REQUIREMENTS

Knowledge Area V8a: BIOL 111, 112, 205, 218, 222, 230, 320 and 324.

The 200 and 300 level courses have BIOL 111 or BIOL 112 as a prerequisite.

Knowledge Area V8b: BIOL 111, 113

BIOL 111 is recommended for non-science majors seeking to fulfill Area V8b.

ADVANCED STUDENTS

A first-year student with a score of 4 or 5 on the Advanced Placement exam for biology, who wishes to continue in biology, should see Dr. Davies about course placement. A student with a score of 3 or below should select BIOL 111.

A transfer student with credit for a full year of biology must take BIOL 113 (Introduction to Lab Techniques), and she may register for any 200-level BIOL course. She is encouraged to consult with the department to select an appropriate course.