

Cover Sheets for Student Learning Outcomes
Completed forms are due by December 1, 2003

Received

DEC 09 2003

Planning and Analysis

Department / Unit: Division of Biology

Title of Academic Program: Biology (General): CIP 260101

Faculty contact(s) for the list of student learning outcomes for this academic program:

Brian Spooner, Director
David Rintoul, Associate Director

Type of Degree (check one):

- Bachelor's** Master's Ph.D. Ed.D.
 Certificate Minor Secondary major Associate
 Joint Degree (list the degree types):
 Other:

List of Student Learning Outcomes for this Degree Program

Recipients of degrees in this program will have demonstrated:

- 1) Awareness of the diversity of life, the evolutionary processes which result in that diversity, as well as the evolutionary relationships and ecological linkages of living organisms.
- 2) Ability to think critically and to integrate factual and conceptual information into an understanding of scientific data.
- 3) Ability to use the scientific method to distinguish between fact, fiction, and faith.
- 4) Ability to communicate biological scientific understanding effectively with individuals who do not have a scientific background.
- 5) Ability to apply mathematical or statistical approaches to understanding biological information.
- 6) An understanding of and appreciation for the role of biological science in a modern society.