Through the study of biology, students are introduced to the cornerstones of the discipline within an evolutionary context, thereby leading to an appreciation for the diversity of life on earth and the processes supporting it. As such, graduates are well-prepared for diverse careers in biology, as well as the health sciences. Many students pursue professional degrees in dentistry, medicine, nursing, pharmacy, and physical therapy. Others seek advanced degrees in academic areas as diverse as environmental biology, genetic counseling and cell biology, which lead to jobs in academia, and the public or private sector. In conjunction with teacher certification, the major prepares students to teach at the secondary school level. Regardless, our majors are instilled with a respect, concern, and sense of responsibility for life and the environment, as well as the knowledge to understand and evaluate biological advances that are transforming society. Our curriculum is designed to offer, through core and ancillary courses, a firm foundation in those areas that provide an important background for understanding life processes.

I. General Requirements

- All courses in the minor must be taken for a letter grade; pass/fail grades will not count.
- Students must earn a “C-” (1.7) or higher in all courses used to satisfy minor requirements.
- 9 upper division credit hours (3-4000+) must be taken in residence from UCD Biology faculty.

II. Required Biology Courses 20-23 Credits

- General Biology I with lab (BIOL 2051-3 and BIOL 2071-1)
- General Biology II with Lab (BIOL 2061-3 and BIOL 2081-1)
- Principles of Ecology (BIOL 3411-3) or Fundamentals of Applied Ecology (BIOL 3412-3)
- General Cell Biology (BIOL 3611-3)
- General Genetics (BIOL 3832-4)
- One upper division biology lab course. Choose one of the following courses:
  - Human Physiology (BIOL 3225-4)
  - Human Anatomy (BIOL 3244-5)
  - Ecology Laboratory (BIOL 3413-2)
  - Cell Biology Laboratory (BIOL 3612-2)
  - General Microbiology (BIOL 3654-5)
  - Molecular Biology Lab (BIOL 4125-3)
  - Plant Science (BIOL 4335-4)
  - Flora of Colorado (BIOL 4345-4)
  - Mammalogy (BIOL 4640-4)
  - Advanced Human Anatomy (BIOL 4644-2)
  - Field Studies (BIOL 4910-3)

III. Required Ancillary Courses 9 credits

- General Chemistry I and II with labs (CHEM 2031-3 and 2038-1; CHEM 2061-3 and 2068-2)

IV. Additional Notes

- Minors with transfer credits in biology from other institutions should consult a biology advisor to determine course equivalency and proper placement; see: http://www.ucdenver.edu/academics/colleges/CLAS/Departments/biology/Programs/BachelorScience/Degree%20Requirements/Pages/transfer.aspx
- Biology minors with Advanced Placement, International Baccalaureate, or CLEP credits should consult a biology advisor for proper placement; students declared pre-health should also consult a Health Careers advisor.

For more information about the Department, please visit our website at:
www.cudenver.edu/clas/biology