Beginning Fall 2012

BA (Bachelor of Arts) in Integrated Sciences

Integrated Sciences is an interdisciplinary major for the student who desires general preparation for a graduate program with specific prerequisites (e.g., teaching, allied healthcare or other science-related fields). Each student designs a unique baccalaureate program in consultation with a faculty advisor from the Department of Biological Sciences to meet his or her needs.

Required Coursework:

Major Coursework:

- 60 qtr hrs of course work selected from Biological Sciences, Chemistry & Biochemistry, Engineering, Physics, Geography, Computer Science, or Mathematics with at least 20 qtr hrs selected from two different departments and including:

  Mathematics/statistics (at least 8 qtr hrs)
  - Either MATH 1951 AND 1952
  - or [MATH 1200 or 1951] and [BIOL 2090 or PSYC 2300]
  - MATH and/or BIOL hours will also count toward the Major Coursework requirement.

Thirty of the 60 qtr hrs must be upper division courses (2xxx level or above).

No more than 5 hrs of BIOL 3991 Independent Study and/or BIOL 3950 Undergraduate Research may count toward the minimum required hours for the major.

Additional requirements for BA in Integrated Sciences:

ASSESSMENT – All Biology majors will participate in program assessment activities in their first year (knowledge pre-test) and in their last quarter at DU (knowledge post-test, Senior survey, and digital submission of an example of their best work in Biology). During the BIOL experience at DU, plan to keep digital copies of your best works (could be advanced lab, research project, analysis paper, challenging exam, or other work) for self-evaluation and submission into the Assess-It system before graduation.

All Biology majors must satisfy University Undergraduate Requirements

Advanced Placement (AP) credit for Calculus AB or Calculus BC may count toward the MATH 195x series for either the BA or the BS according to the University approval policy (see the University of Denver Undergraduate Bulletin for details). Approval through the Department of Mathematics is required.

ONE YEAR OF CALCULUS is recommended by many graduate programs and is required for a few. Check the requirements for the school(s) to which you hope to make application before you decide about math options.

NOTE: Many graduate programs (including medical schools and veterinary schools) require at least 2 yrs of chemistry – one year of inorganic plus one year of organic. Some graduate programs also require or recommend biochemistry.

The BA in Integrated Sciences does NOT require a minor.

To declare a major or minor fill out and submit a Declaration of Major/Minor form to the Registrar’s Office. This form is available in the Registrar’s office (University Hall) and online http://www.du.edu/registrar/forms/index.html