

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 (egs., 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** MATC 1101 Analytical Inquiry I (4 hrs) or
- MATC 1200 Calculus for Business and Social Science (4 hrs) or
- MATH 1951 Calculus I

AND

- **Either** PSYC 2300 Intro to Statistics (5 hrs) **or**
- BIOL 2090 Biometry (4 hrs) **or**
- an approved business stats course.

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:

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 medical programs and is required for a few.

ONE YEAR OF CALCULUS is required for many graduate research programs in the basic sciences. 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>