BIOLOGY B.A.

All students must meet the University Requirements. (http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/)

All students must meet the College Requirements. (http://catalogue.uvm.edu/undergraduate/artsandsciences/#requirementstext)

MAJOR REQUIREMENTS

CORE REQUIREMENTS

Choose 1 of the following options:  4-8

- Option A (recommended)
  - BCOR 011 & BCOR 012 Exploring Biology and Exploring Biology

- Option B
  - BCOR 021 Accelerated Biology

- Option C
  - BIOL 001 & BIOL 002 Principles of Biology and Principles of Biology
  - BCOR 101 Genetics 3
  - BCOR 102 SU:Ecology and Evolution 4
  - BCOR 103 Molecular and Cell Biology 4
  - BIOL 255 Comparative Physiology 4

ANCILLARY REQUIREMENTS

Choose 1 of the following Chemistry options:

- Option A (recommended for pre-health students)
  - CHEM 031 General Chemistry 1
  - CHEM 032 General Chemistry 2
  - CHEM 141 Organic Chemistry 1
  - CHEM 142 Organic Chemistry 2

- Option B
  - CHEM 031 General Chemistry 1
  - CHEM 032 General Chemistry 2
  - CHEM 042 Intro Organic Chemistry

Mathematics:

- MATH 019 QR: Fundamentals of Calculus I 3-4
- or MATH 021 QR: Calculus I
- STAT 141 QR: Basic Statistical Methods I 3

or STAT 211 QR: Statistical Methods I

Note: Pre-health students should consult the pre-health checklist for requirements of professional schools (e.g., medicine, dentistry, veterinary, physical therapy)

ADVANCED ELECTIVES

3 additional biology courses from Categories A and B, with at least 1 course from Category B and at least 2 courses from the BIOL prefix. 1 elective course may be taken at the 100-level.

Category A (lecture only)

BIOL 188, BIOL 199, PBO 151, ANTH 140, ANTH 143, ANTH 146, ANTH 173, ANTH 174, ANTH 179, PSYS 111, PSYS 115, PHIL 112, SOC 102, EC 138, ASCI 171, WFB 130, PATH 101, BIOL 223, BIOL 241, BIOL 261, BIOL 264, BIOL 265, BIOL 266, BIOL 269, BIOL 271, BIOL 275, BIOL 276, BIOL 277, CHEM 205, CHEM 206, MATH 268, PSYS 216, PSYS 218, PBO 209, PBO 223, PBO 241, PBO 261, PBO 294, MMG 205, MMG 206, MMG 211, MMG 220, MMG 223, MMG 225, MMG 230, MMG 232, MMG 233, MMG 240, BIOC 240, BIOC 263, BIOC 301, BIOC 302, WFB 224, WFB 232, WFB 275, WFB 279, PHRM 200, PHRM 240, PHRM 272, PHRM 290, NR 220, NR 228, ASCI 216, ASCI 277, BHSC 242

Category B (lecture & lab)

PBO 104, PBO 108, PBO 109, PBO 117, PBO 177, ASCI 141, WFB 141, MMG 101, CSD 101, BIOL 204, BIOL 205, BIOL 209, BIOL 212, BIOL 217, BIOL 242, BIOL 254, BIOL 274, CHEM 206 & CHEM 207, PSYS 215, MMG 201, MMG 206 & MMG 207, MMG 222, WFB 283, NR 250, NR 280, MLS 231

The following courses do not count toward the major requirements: HON 208, HON 209, and BIOL 298.