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 0-4

or MATH 021 QR: Calculus I

STAT 141 QR: Basic Statistical Methods 1 3

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, PBIO 151, ANTH 140, ANTH 143, ANTH 146, ANTH 173, ANTH 174, ANTH 179, GEOG 140, 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 266, BIOL 269, BIOL 271, BIOL 276, BIOL 277, CHEM 205, CHEM 206, GEOG 244 (Dendrochronology), MATH 268, PSYS 216, PSYS 218, PBIO 209, PBIO 223, PBIO 241, PBIO 261, PBIO 294, MMG 205, MMG 206, MMG 211, MMG 220, MMG 223, MMG 225, MMG 230, MMG 232, MMG 233, BIOC 263, BIOC 301, BIOC 302, WFB 224, WFB 232, WFB 275, PHRM 200, PHRM 240, PHRM 272, PHRM 290, NR 220, NR 228, ASCI 216, ASCI 277, BHSC 242

Category B (lecture & lab)


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