

Biology: Bachelor of Arts (120 cr)

INTEGRATIVE STUDIES PROGRAM REQUIREMENTS (44 cr)

Note: Students must complete **Thinking & Writing** within their first two semesters and the **Quantitative Literacy** within their first three semesters.

Foundations

ITW: Thinking & Writing _____

IQL: Quantitative Literacy* _____

Perspectives

NOTE: Students may take only **one** course in any specific discipline within the **PERSPECTIVES** area. Disciplines are shown in **BOLD**, such as IAART

IA: Arts – IAART, IAMU, IATAD (1 course)

IH: Humanities - IHCOMM, IHENG, IHFILM, IHFR, IHGER, IHHIST, IHJRN, IHML, IHPHIL, IHSP (2 courses)

IA/IH: an additional course in either IA or IH (1 course)

IN: Natural Sciences – INASTR, INBIO, INCHEM, INGEOL INMET, INPHYS (2 courses)

IS: Social Sciences – ISANTH, ISCJS, ISECON, ISGEOG, ISPOSC, ISPSYC, ISSOC, ISSOSC (2 courses)

Interdisciplinary

II: Any course beginning with II (1 course)

NOTE: Courses fulfilling **PERSPECTIVES** and **INTERDISCIPLINARY** requirements may be at the 100-400 level. All students must complete a minimum of 28 credits at the 100-200 level and a minimum of 8 credits at the 300-400 level to complete the *Integrative Studies Program (ISP)*.

Keene State College 2008-2009 Catalog

MAJOR REQUIREMENTS (52 credits)

Core Courses (20 cr)

- BIO 110 Molecule and Cells BIO 111 Evolution
- C or better must be earned in both BIO 110 and 111 to take any 200-level or higher BIO course.
- BIO 210 Ecology BIO 211 Genetics
- BIO 212 Cells and Physiology

Select **1** course from each of the following **4** categories (16 cr)

Animal Diversity:

- BIO 333 Invertebrate Zoology BIO 334 Vertebrate Zoology
- BIO 335 Ornithology

Plant and Microbial Diversity:

- BIO 363 Plant Biology BIO 365 Plant Evolution
- BIO 367 Microbial Diversity

Ecology and Evolution:

- BIO 343 Ecosystem Ecology BIO 345 Animal Behavior
- BIO 347 Plant Phys. Ecology BIO 349 Population Genetics

Cell/Molecular/Physiology

- BIO 371 Ecophysiology BIO 373 Neuroethology
- BIO 375 Biochemistry BIO 376 Molecular Biology
- BIO 377 Immunology BIO 379 Comparative Animal Physiology

Allied Discipline Requirements (16 cr)

- INCHEM 111 General Chemistry I**
- CHEM 112 General Chemistry II
- MATH 141 Introductory Statistics*

Select one of the following:

- INPHYS 141 College Physics I**
- or-** INGEOL 151 Introductory Physical Geology**

*MATH 141 will fulfill the IQL requirement.

**Courses may also be used to fulfill Integrative Studies requirements; credits count once.