

GENERAL SCIENCE: Educ. Options-B.A. (130-136 cr)

Keene State College

2007-2008 Catalog

INTEGRATIVE STUDIES PROGRAM REQUIREMENTS (44 cr)

Note: Students must complete the **Thinking & Writing** requirement within their first two semesters and the **Quantitative Literacy** requirement 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: 1 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 **24** credits at the 100-200 level and a minimum of **8** credits at the 300-400 level to complete the *Integrative Studies Program (ISP)*.

MAJOR REQUIREMENTS (48-60 cr)

Core Requirements (28 cr):

INASTR 101 Intro to Astronomy**

~or~ ASTR 307 University Astronomy

BIO 110 Molecules & Cells

BIO 111 Evolution

INGEOL 151 Physical Geology**

GEOL 206 Oceanography

INMET 225 Meteorology**

MATH 120 Applied Alg. & Trigonometry

~or~ MATH 130 Precalc ~or~ MATH 151 Calculus I

Choose ONE of the options below:

Elementary/Early Childhood Option (20 cr) + completion of BS Elem or Early Childhood requirements:

INCHEM 103 Fundamentals of Chemistry** 200-level or higher Electives in BIO, CHEM, ENST or GEOL:

PHYS 201 Phenomenal Science (may be in the same or different disciplines) **8 cr total**

IDSM 301 The Web of Science Elective: _____ Elective: _____

Middle School Option (32 cr) + completion of BS Secondary Education requirements:

INCHEM 111 General Chemistry I**

CHEM 112 General Chemistry II

BIO 210 Ecology

MATH 141 Introductory Statistics*

PHYS 201 Phenomenal Science

IIPHYS 210 History of Science**

Elective in BIO, CHEM, ENST or GEOL***

Elective in BIO, CHEM, ENST or GEOL***

*NOTE: MATH 141 will meet the IQL requirement.

***Elective credits at 200+level, to total 8, in **ONE** discipline.

**NOTE: Courses may be used to satisfy the Integrative Studies requirements; credits only count once.