

## Mathematics-Physics: Bachelor of Science (124cr)

### *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)**

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

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

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

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

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#### Interdisciplinary

**II:** Any course beginning with II **(1 course)**

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**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 (56 credits)*

- MATH 151 Calculus I
- MATH 152 Calculus II
- MATH 231 Linear Algebra and Differential Equations
- MATH 251 Vector Calculus
- MATH 361 Differential Equations
- INPHYS 241 University Physics I\*
- PHYS 242 University Physics II
- PHYS 260 Electronics
- PHYS 342 Modern Physics

#### **Physics Electives (8 credits 300 level or higher)**

- PHYS \_\_\_\_\_
- PHYS \_\_\_\_\_

#### Allied Discipline Requirements

- CS 140 Computer Programming I
- INCHEM 111 General Chemistry I\*
- CHEM 112 General Chemistry II

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

See catalog for complete program requirements. This sheet is for general advising purposes only.