

Mathematics - Middle/Junior High Option- B.A. (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 (44 credits)

CS 140 Computer Programming I

MATH 141 Introductory Statistics*

MATH 151 Calculus I

MATH 152 Calculus II

MATH 225 Introduction to Abstract and Discrete Mathematics

MATH 231 Linear Algebra and Differential Equations

MATH 275 Geometry for K-8 Teachers

MATH 337 Number Theory

MATH 375 Algebraic Concepts for K-8 Teachers

MATH 475 Issues and Trends in Math Education

Select one MATH elective at the 300 level or higher:

Note: Math 471 will be offered occasionally and students in this option may use it as their mathematics elective with departmental approval.

For teacher preparation in this major, refer to the Teacher Education section of this catalog for additional courses required for certification which may also be used to fulfill Integrative Studies Program and to meet the requirements.

*MATH 141 will meet the IQL requirement.

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