

Applied Computer Science: Bachelor of Science (124 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 (62 credits)

Core Courses (12 credits)

- CS 140 Computer Programming I
- CS 185 Computer Programming II
- CS 280 Data Structures

Specialization (4 credits)

- CS 160 Microcomputer Systems
- or-** CS 150 Web Page Construction

Capstone Course (4 credits)

- CS 495 Seminar

Supervised Field Experience* (2 credits)

- CS 293 **-and/or-** CS 493

*May be waived for students who have completed CS 294/494 Cooperative Education.

Computer Science Elective Courses (24 credits)

Select **two** 200-level courses: 8 cr. (not 280, 293 or 294; max. 4 cr. 298)

- CS _____ CS _____

Select **four** 300/400-level courses, at least **two** at the 400-level (not including 493, 494, 495, with a maximum of 4 credits in 498)

- CS _____ CS _____

- CS _____ CS _____

Electives must include: one course in a programming language not taken in CS 140, 185 or 280; one non-Windows course; both must be approved by CS advisor.

INTERDISCIPLINARY REQUIREMENT (Select one):

1. Applied Computer Science (16 credits)

- MATH 135 Foundations of Math for Computer Science

Computer content-related courses from a non-CS discipline
(Minimum of 12 credits; maximum of one introductory course)

- _____ _____

- _____ _____

2. Dual Major with Education (credits vary)

- Early Childhood Education **-or-** Elementary Education
- or-** Elementary Special Education

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