

## Applied Computer Science: Associate in Science (60 cr)

### **INTEGRATIVE STUDIES PROGRAM REQUIREMENTS (28 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)**

\_\_\_\_\_

**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 Associate Degree students must complete a minimum of 28 credits to complete the *Integrative Studies Program (ISP)*.

## Keene State College

## 2008-2009 Catalog

### **CONCENTRATION REQUIREMENTS (32 credits)**

#### **Programming Core (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

#### **Mathematics (4 credits)**

- MATH 135 Foundations of Mathematics for Computer Science

#### **CS Electives (12 credits)**

##### **Must include:**

- 1) One CS course in a programming language other than the primary language taken is CS 140, CS 185, or CS 280, and approved by CS advisor;
- 2) One CS course, approved by the student's advisor, in a second, non-Windows computer operating system or architecture.

##### **Two 200-level CS courses – 8 credits**

(Other than CS 280, CS 293, CS 294)

Maximum of 4 credits allowed from CS 298 – Independent Study

\_\_\_\_\_

\_\_\_\_\_

##### **One 300-400 level CS course – 4 credits**

(Other than CS 493, CS 494)

\_\_\_\_\_