

# ENGINEERING: Transfer Programs

(72-84 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 (28-40 cr)

See catalog for specific information regarding transfer stipulations.

### 2+2 Program: (28 cr)

- CS 140 Computer Programming I
- MATH 151 Calculus I\*
- MATH 152 Calculus II
- MATH 231 Linear Algebra & Diff. Equations
- MATH 251 Vector Calculus
- INPHYS 241 University Physics I\*\*
- PHYS 242 University Physics II

### 3+2 Program: (40 cr)

- CS 140 Computer Programming I
- MATH 151 Calculus I\*
- MATH 152 Calculus II
- MATH 231 Linear Algebra & Diff. Equations
- MATH 251 Vector Calculus
- INPHYS 241 University Physics I\*\*
- PHYS 242 University Physics II
- PHYS 260 Electronics
- PHYS Electives (8 cr, 300-level or higher)

\*NOTE: MATH 151 will meet the IQL requirement.

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

Students electing to complete a Bachelor's Degree at KSC should follow the MATH/PHYSICS program planning sheet.