2003-2004 Catalog
Bachelor of Science
COMPUTER MATHEMATICS

KEENE STATE COLLEGE
Note: For advising support only.
See catalog for full degree requirements.

Name: _____ ID#: _____

GENERAL EDUCATION

ENGLISH LANGUAGE COMPETENCE: **Write in/check off courses:**

- English 101-Essay Writing is required of all students. ☐ ENG 101 _____

ARTS & HUMANITIES:

A minimum of **five** courses totaling at least **15** credits, as follows:

- One course in Literature ☐ _____

(Any 200- or 300-level English course except 202, 203, 204, 208, 301, 302, 303, 304, 308, 312; FR 303 and SP 303 may also be used to fulfill this requirement)

Four courses from Arts & Humanities, including:

- One course in History. ☐ _____
- One course in the Fine Arts (ART, FILM, MU or TAD). ☐ _____
- Two additional courses from Arts & Humanities: ☐ _____

AMST, ART, COMM, ENG, FILM, FR, GER, HIST, JRN, ML, MU, PHIL, SP, TAD or an approved interdisciplinary course (WS 201* or IDAH). ☐ _____

SOCIAL SCIENCES:

A minimum of **four** courses totaling at least **12** credits in ☐ _____
three or more of the Social Sciences disciplines: ANTH, ☐ _____
ECON, GEOG, POSC, PSYC, SOC or an approved ☐ _____
interdisciplinary course (WS 201* or IDSS). ☐ _____

***WS 201 may be used once, to fulfill either an Arts & Humanities or a Social Sciences requirement**.

SCIENCES/MATHEMATICS:

A minimum of **four** courses totaling at least **12** credits, as follows:

- One course in Biology. ☐ _____
- One course in Physical Science (ASTR, CHEM, GEOL, MET, PHYS) ☐ ** _____
- Two additional courses from Sciences/Mathematics: ☐ ** _____

ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary courses (IDSM). ☐ ** _____

****For General Education eligible requirements for the major, see reverse side.**

MAJOR REQUIREMENTS: 52 credits See catalog for full degree requirements.
Note: *Physics 241 and two Computer Science courses may also apply toward General Education requirements.*

CORE REQUIREMENTS: 52 credits (including six credits of MATH/CS electives)

- ☐ MATH 151: Calculus I
- ☐ MATH 152: Calculus II
- ☐ MATH 231: Linear Algebra
- ☐ MATH 235: Discrete Mathematics
- ☐ MATH 251: Multivariate Calculus
- ☐ MATH 260: Numerical Methods
- ☐ MATH 265: Mathematical Modeling
- ☐ MATH 361: Differential Equations
- ☐ CS 140: Computer Programming I
- ☐ CS 185: Computer Programming II
- ☐ CS 265: Assembly Language
- ☐ CS 280: Data Structures
- ☐ CS 410: Advanced Programming
- ☐ PHYS 241: University Physics I

MATHEMATICS/COMPUTER SCIENCE ELECTIVES: 6 credits
Select two 300/400-level MATH and/or CS courses; at least one course must be in MATH.

- ☐ MATH _____
- ☐ _____

ELECTIVES: Select additional courses of your choice to bring total number of credits earned to 126.