

NOTE: STUDENTS WHO WISH ELEMENTARY OR ELEMENTARY/SPECIAL EDUCATION CERTIFICATION MUST ALSO COMPLETE THE B. S. IN EDUCATION: ELEMENTARY OR ELEMENTARY SPECIAL EDUCATION.

2001 - 2002 Catalog

KEENE STATE COLLEGE
BACHELOR OF ARTS
MATHEMATICS
ELEMENTARY OPTION

It is the student's responsibility to follow the official requirements of their degree, which are found in the Keene State College catalog. This planning sheet is for advising purposes.

Name: _____ Student I.D.#: _____

Institution(s) Attended: _____ Credits: _____

_____ Update: _____ =

I. **GENERAL EDUCATION**

A. **English Language Competence:** ENG 101 is required of all students.

ENG 101: _____

B. **Arts & Humanities:** A minimum of five courses totaling at least 15 credits as follows:

One course in Literature _____

Any English course other than Eng 101, 202, 203, 204, 208, 301, 302, 303, 304, 308, 312.

FR, GER or SP 498 are appropriate when topics focus on French, German or Spanish literature.

U.S. HIST _____ ART, COMM, FILM, MU or TAD _____

Two courses from Arts & Humanities disciplines: AMST, ART, COMM, ENG, FILM, FR, GER, HIST, JRN, ML, MU, PHIL, SP, TAD or an approved interdisciplinary course (WS 201* or an IDAH course).

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

GEOG _____

D. **Sciences/Math:** A minimum of four courses totaling at least 12 credits as follows: One course in BIOLOGY. PHYS 241 and CS 140 are required for the major. **One** additional course from Sciences/Math disciplines: ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary course (IDSM).

BIO _____ PHYS 241: UNIVERSITY PHYSICS I _____

* WS 201 may be used only once, to fulfill either an Arts & Humanities or Social Science General Education requirement.

II. MAJOR REQUIREMENTS 42 credits

MATH CORE 17 credits

*MATH 141: Intro to Statistics ___ 3
MATH 151: Calculus I ___ 4
MATH 152: Calculus II ___ 4

MATH 225: Intro to Abstract Math ___ 3
MATH 231: Linear Algebra ___ 3

*May be fulfilled by completing PSYC 251

ELEMENTARY CERTIFICATION OPTION 25 credits

MATH 275: Geometry K-9 Teachers ___ 3
MATH 235: Discrete Mathematics ___ 3
MATH 310: History of Mathematics ___ 3
MATH 475: Issues & Trends Math Ed. ___ 3

At least one of the following:

MATH 320: Geometry ___ 3
MATH 331: Modern Algebra ___ 3
MATH 337: Number Theory ___ 3

Three Math electives (9 credits) at the 200/300 level plus appropriate certification courses.

_____ ___ 3 _____ ___ 3
_____ ___ 3

NOTE: STUDENTS WHO WISH ELEMENTARY OR ELEMENTARY SPECIAL EDUCATION CERTIFICATION MUST ALSO COMPLETE THE B.S. IN EDUCATION: ELEMENTARY OR ELEMENTARY SPECIAL EDUCATION.

ELECTIVES:

Select courses to reach a total of 120 credits for the degree.

If you wish to use transferred courses toward major/minor requirements you must use the course substitution process. Contact the Academic and Career Advising Center for more information.