

KEENE STATE COLLEGE
BACHELOR OF SCIENCE
MATH/PHYSICS

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** 42 credits

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:

HIST _____ ART, COMM, FILM, or TAD _____

One course in Literature _____

Any English course other than Eng 101, 202, 203, 204, 205, 301, 302, 303, 310, 311, 382, 411, 412, 413 or 414. FR 340 or FR, GER or SP 498 (when topics focus on French, German or Spanish literature).

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 (designated IDAH).*

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. One course may be an approved interdisciplinary course (designated IDSS).*

D. **Sciences/Math:** A minimum of four courses totaling at least 12 credits as follows: One course in BIOLOGY. One course in a PHYSICAL SCIENCE (ASTR, CHEM, GEOL, MET, PHYS). Two courses from Science /Math disciplines: ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary course (designated IDSM).*

*BIO _____ #PHYS 241: University Physics I _____ 4_

#CS 180: Fortran _____ 3_ _____

*You are encouraged to complete at least one interdisciplinary course.

MATH/PHYSICS REQUIREMENTS

39 CREDITS

MATH 151: Calculus I	___	<u>4</u>	PHYS 242: University Physics II	___	<u>4</u>
MATH 152: Calculus II	___	<u>4</u>	PHYS 245: University Physics III	___	<u>4</u>
MATH 251: Multivariate Calculus	___	<u>4</u>	PHYS 260: Electronics	___	<u>4</u>
MATH 332: Linear Algebra	___	<u>3</u>	Physics Electives (300 Level or higher)		
MATH 361; Differential Equations	___	<u>3</u>	PHYS _____	___	<u>3</u>
MATH 468: Intro Applied Mathematics	___	<u>3</u>	PHYS _____	___	<u>3</u>

***REQUIRED SEQUENCE:** 8 Credits

One of the following 8 credit required sequences must be completed in the program and may be used to satisfy General Education requirements: BIO 200/201-202/203 or CHEM 121/125-122/126 or GEOL 201-202. Credits will count once toward graduation requirements.

_____ ___ 4 _____ ___ 4

ELECTIVES:

Pick additional courses of your choice to bring your total number of credits earned to 126.

If you wish to use transferred credits toward major/minor requirements you must use the Course Substitution process. Contact the Academic Advising Center for more information.

