

**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:

One course in Literature _____
Any English course other than Eng 101, 202, 203, 204, 301, 302, 303, 312. FR,
GER or SP 498 (when topics focus on French, German or Spanish literature).

HIST _____ ART, COMM, FILM, 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 (*designated WS 201 or 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 WS 201 or 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.

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

#CS 140 Computer Programming _____ 3_ * _____

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 231: 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 151/152-153/154 or CHEM 111/115-112/116 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 and Career Advising Center for more information.

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