

KEENE STATE COLLEGE
BACHELOR OF ARTS
BIOLOGY

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 minimum

A 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, 205, 301, 302, 303, 310, 311, 382, 410.

FR 340 or FR, GER or SP 498 are appropriate when topics focus on French, German or Spanish literature.

HIST _____ ART, COMM, FILM, MU or TAD _____

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

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 (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 Sciences/Math disciplines: ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary course (designated IDSM).

BIO _____ PHYSICAL SCIENCE _____

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II. MAJOR REQUIREMENTS 51 CREDITS

*Asterisked courses may apply toward the Sciences/Mathematics component of the General Education requirements

A. BIOLOGY CORE: 15 credits

- *BIO 200/201 Life: Diversity/Lab ___ 3/1
- *BIO 202/203 Life: Processes/Lab ___ 3/1
- BIO 301/302 Genetics/Lab ___ 3/1

one of the following:

BIO 340: Evolution

OR

BIO 440/GEOL 440: Evol. of Life & Earth ___ 3_

B. RELATED MATH/SCIENCE COURSES: 15 credits

- *CHEM 121 General Chemistry I ___ 3_
- *CHEM 125 General Chemistry Lab ___ 1_
- *CHEM 122 General Chemistry II ___ 3_
- *CHEM 126 General Chemistry Lab ___ 1_

*MATH 141: Introductory Statistics ___ 3_

one of the following two courses:

*PHYS 141: College Physics I

OR

*GEOL 201: Introduction to Physical Geology ___ 3_

C. ORGANISMAL BIOLOGY COURSES: 6-7 credits

Choose Two:

- | | | | |
|-------------------------------------|--------|---|--------|
| BIO 322: Flowering Plant Taxonomy | ___ 4_ | BIO 352: Entomology | ___ 3_ |
| BIO 325: Dendrology | ___ 4_ | BIO 365: Plant Anatomy | ___ 4_ |
| BIO 328: Mushroom Identification | ___ 3_ | BIO 366: Vascular Plant Morphology | ___ 4_ |
| BIO 333: Invertebrate Field Zoology | ___ 3_ | BIO 375: Vertebrate Embryology | ___ 4_ |
| BIO 334: Vertebrate Field Zoology | ___ 4_ | BIO 376: Comparative Vertebrate Anatomy | ___ 4_ |
| BIO 351: Ornithology | ___ 3_ | | |

D. FUNCTIONAL BIOLOGY COURSES: 7 - 8 credits

Choose Two

- BIO 384/387: Compar. Animal /Exper. Physiology ___ 4_
- BIO 405/406: Cell & Molecular Biology w/lab ___ 4_
- BIO 385/387: Ecological /Experimental Physiology ___ 4_
- BIO 451/453: Population /Experimental Ecology ___ 4_
- BIO 388: Developmental Biology ___ 4_
- BIO 452/453: Comm & Ecosystem /Exper. Ecology ___ 4_

Biology Electives: (BIO 300 level or higher. BIO 230/231L, 232/233L or PSYCH 332 to bring total biology credits to 36.

III. ELECTIVES

Pick additional courses of your choice to bring your total number of credits earned to 120.

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