

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.

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

HIST \_\_\_\_\_ ART, COMM, ENG, 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 (designated IDAH).

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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).

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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 \_\_\_\_\_

\_\_\_\_\_

**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/GEOL 440: Evolution 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: Intro. 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 Zoology     | ___ 4_ | BIO 375: Vertebrate Embryology          | ___ 4_ |
| BIO 334: Vertebrate Zoology       | ___ 4_ | BIO 376: Comparative Vertebrate Anatomy | ___ 4_ |
| BIO 351: Ornithology              | ___ 4_ | BIO 415: Microbial Diversity            | ___ 4_ |

**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.

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**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.

1. 12/98