

**KEENE STATE COLLEGE
BACHELOR OF ARTS
BIOLOGY**

It is the student's responsibility to follow the **official** requirements of the degree, 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

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

A. 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, 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).

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 (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 _____ PHYSICAL SCIENCE _____

II. **MAJOR REQUIREMENTS** 51 - 52 CREDITS

*Asterisked courses may apply toward the Sciences/Mathematics component of the General Education requirements. Credits count once toward graduation.

A. **Introductory Sequence**

- *BIO 151: Life: Diversity _____ 3
- *BIO 152: Life: Diversity Lab _____ 1
- *BIO 153: Life: Processes _____ 3
- *BIO 154: Life; processes Lab _____ 1

*(Grade of "C" is required in these courses in order to progress to upper level courses.)

B. **Sophomore Core Courses 16-17 credits**

- BIO 251/255: Genetics _____ 3
- BIO 252: Ecology and Evolution _____ 3
- BIO 254: Cell Biology _____ 3

One of the following:

- BIO 253: Physiology of Plants & Animals _____ 3

OR

- BIO 232/233: Human Anat. & Phys. II/lab _____ 4

Two of the following:

- BIO 255: Experimental Genetics _____ 2
- BIO 256: Experimental Ecology & Evol. _____ 2
- BIO 257: Experimental Physiology _____ 2

C. **Organismal Courses: Choose ONE;** 4 credits

- BIO 333: Invertebrate Zoology _____ 4
- BIO 334: Vertebrate Zoology _____ 4
- BIO 322: Flowering Plant Biology _____ 4
- BIO 365: Plant Anatomy & Morphology _____ 4
- BIO 351: Ornithology _____ 4
- BIO 352: Entomology _____ 4
- BIO 415: Microbial Diversity _____ 4

D. **Biology Electives:** minimum of 8 credits at 300-level or higher, to bring total Biology credits to 36.

E. **Related Science/Math Subjects:** 15 credits

- *CHEM 111: General Chemistry I _____ 3
- *CHEM 115: Exp. General Chemistry I _____ 1
- *CHEM 122: General Chemistry II _____ 3
- *CHEM 126: Exp. General Chemistry II _____ 1
- *MATH 141: Introductory Statistics _____ 4

One of the Following:

- *PHYS 141: College Physics I _____ 4
- *GEOL 201: Intro Physical Geology _____ 4

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 towards major/minor requirements you must use the course substitution process. Contact the Elliot Center for more information.

1.3/00