

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 _____

One course in literature, which may be any 200 or 300-level English course except 202, 203, 204, 208, 301, 302, 303, 304, 308, 312. FR 303 and Spanish 303 may also be used to fulfill this requirement.

HIST _____ ART, 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 (WS 201* or an IDAH course).

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 (WS 201* or an IDSS course).

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 (IDSM).

BIO _____ PHYSICAL SCIENCE _____

* WS 201 may be used only once, to fulfill either an Arts & Humanities or Social Science General Education requirement.

** See General Education eligible requirements for the major on back.

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: Genetics	___	3
BIO 252: Ecology and Evolution	___	3
BIO 254: Cell Biology	___	3
BIO 280: Research Rotations	___	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 Evolution	___	4
BIO 351: Ornithology	___	4
BIO 352: Entomology	___	4
BIO 415: Microbial Diversity	___	4

D. **Biology Electives:** 7- 8 credits at 300-level or higher BIO courses, 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 112: General Chemistry II	___	3
*CHEM 116: 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:**

Choose 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.