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, 208, 301, 302, 303, 304, 308, 312. FR, GER or SP 498 are acceptable when topics focus on FR, GER or SP 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 (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

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.