2003-2004 Catalog
Bachelor of Science
GEOLOGY

KEENE STATE COLLEGE
Note: For advising support only.
See catalog for full degree requirements.

Name: _____ ID#: _____

GENERAL EDUCATION

ENGLISH LANGUAGE COMPETENCE: **Write in/check off courses:**

- English 101-Essay Writing is required of all students. ☐ ENG 101 _____

ARTS & HUMANITIES:

A minimum of **five** courses totaling at least **15** credits, as follows:

- One course in Literature ☐ _____

(Any 200- or 300-level English course except 202, 203, 204, 208, 301, 302, 303, 304, 308, 312; FR 303 and SP 303 may also be used to fulfill this requirement)

Four courses from Arts & Humanities, including:

- One course in History. **(For teacher certification, a US History course is required)** ☐ _____
- One course in the Fine Arts (ART, FILM, MU or TAD). ☐ _____
- Two additional courses from Arts & Humanities: ☐ _____

AMST, ART, COMM, ENG, FILM, FR, GER, HIST, JRN, ML, MU, PHIL, SP, TAD or an approved interdisciplinary course (WS 201* or IDAH). ☐ _____

SOCIAL SCIENCES:

A minimum of **four** courses totaling at least **12** credits in **three** or more of the Social Sciences disciplines: ANTH, ECON, GEOG, POSC, PSYC, SOC or an approved interdisciplinary course (WS 201* or IDSS).

☐ _____
☐ _____
☐ _____
☐ _____

(For teacher certification, a Geography course is required)

***WS 201 may be used once, to fulfill either an Arts & Humanities or a Social Sciences requirement**.

SCIENCES/MATHEMATICS:

A minimum of **four** courses totaling at least **12** credits, as follows:

- One course in Biology. ☐ ** _____
- One course in Physical Science (ASTR, CHEM, GEOL, MET, PHYS) ☐ ** _____
- Two additional courses from Sciences/Mathematics: ☐ ** _____

ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary courses (IDSM). ☐ ** _____

(BIO 151/152-Life:Diversity w/Lab, CHEM 111/115-General Chemistry I w/Lab, CHEM 112/116-General Chemistry II w/Lab and MATH 151-Calculus I are required for the major)

****For General Education eligible requirements for the major, see reverse side.**
NOTE: Teacher certification is in Earth Science Education, grades 7-12.

MAJOR REQUIREMENTS: 40 credits. See catalog for full degree requirements. Courses marked with an asterisk (*) may be used toward Sciences/Mathematics General Education requirements.

CORE REQUIREMENTS: 25 credits

Select one from the following:

☐ GEOL 201: Introduction to Physical Geology **-or-** ☐ GEOL 100/101: Perspectives of Earth and Lab

☐ GEOL 202: Historical Geology
☐ GEOL 301: Mineralogy
☐ GEOL 302: Petrology
☐ GEOL 303: Structural Geology
☐ GEOL 305: Paleontology
☐ GEOL 306: Stratigraphy and Sediment

Select four Geology courses at the 300 level or above: 12 credits

☐ GEOL_____ ☐ GEOL_____ ☐ GEOL_____ ☐ GEOL_____

Select one from the following:

☐ GEOG 323: Cartography and Surveying
☐ GEOG 325: Cartography & Computer Mapping
☐ GEOG 326: GIS: IDRISI
☐ GEOG 327: Introduction to Remote Sensing
☐ GEOL 206: Oceanography
☐ MET 225: Meteorology

RELATED REQUIREMENTS: 27 credits

☐ BIO 151/152 Life: Diversity and Lab*
☐ MATH 151: Calculus I*
☐ CHEM 111/115: General Chemistry and Lab*
☐ CHEM 112/116: General Chemistry II and Lab*

Select one of the following two-semester sequences:

☐ PHYS 141: College Physics I* **-and-** ☐ PHYS 142: College Physics II*

☐ PHYS 241: University Physics I* **-and-** ☐ PHYS 242: University Physics II*

Select one from the following:

☐ MATH 141: Introductory Statistics* ☐ MATH 152: Calculus II* ☐ CS _____ (elective)

TEACHER CERTIFICATION REQUIREMENTS: Earth Science Education (Grades 7-12) certification

☐ ESEC 100: Introduction to Teaching
☐ ESEC 150: Development, Exceptionality & Learning I
☐ ESEC 250: Development, Exceptionality & Learning II
☐ ESEC 282: Literacy in Content Areas
☐ ESEC 320: Education Environments/Practices
☐ ESEC 385: Methods: Secondary
☐ ESEC 386: Methods: Field Experience
☐ ESEC 450: Seminar: Education Principles
☐ ESEC 460: Student Teaching

Although not required, ☐ ESEC 387: Creating Social Contexts for Learning, is highly recommended.

ELECTIVES: Select additional courses of your choice to bring total number of credits earned to 126.