

The B.S. degree in Environmental Geoscience is designed to offer the student a thorough preparation for employment or additional graduate education in the environmental sciences. The focus of the program is on geologic aspects of the Earth's environment, augmented by advanced training in biology and chemistry.

SUMMARY STATEMENT

Liberal Studies Requirements	46cr
Major Requirements	59cr
Free Electives	15cr
TOTAL	120cr

LIBERAL STUDIES REQUIREMENTS**46 credits total****Learning Skills: English Composition - Two Courses****6cr**

_____ ENGL 101 College Writing 3cr

_____ ENGL 202 Research Writing 3cr

Learning Skills: Mathematics (specified by the Geoscience Dept.)**4cr**

_____ MATH 121 Calculus I for Natural and Social Sciences 4cr

Learning Skills: Dimensions of Wellness - One Course**3cr**

_____ HPED 143, FDNT 143, NURS 143 3cr

Learning Skills: Global and Multicultural Awareness - One Course**0cr***

_____ *This course will most likely also be a Social Science course

Knowledge Area: Humanities - Three Courses**9cr**

_____ HIST 196, 197, or 198 3cr

_____ ENGL 121 Humanities Literature 3cr

_____ PHIL 101, 120, 221, 222, 223; RLST 100, 110, 250, 290 3cr

Knowledge Area: Fine Arts - One Course from List**3cr**

_____ ARHI 101, DANC 102, MUHI 101, 3cr

MUHI 102, THTR 101

Knowledge Area: Natural Science (specified by the Geoscience Dept.)**8cr**

_____ CHEM 111 or CHEM 113 4cr

_____ CHEM 112 or CHEM 114 4cr

Knowledge Area: Social Science - Three Courses from List***9cr**

_____ Course 1: _____ 3cr

_____ Course 2: _____ 3cr

_____ Course 3: _____ (G. & M.A.) 3cr

*See Undergraduate Catalog for list; no course prefix may be used more than once

Liberal Studies Electives (specified by the Geoscience Dept.)**4cr**

_____ MATH 122 (Calculus II for Natural and Social Sciences) 4cr

Writing Across the Curriculum: Two "W" Courses**0cr***

*These courses will also count toward some other requirement; one course must be in the major

_____ Writing Course #1: _____

_____ Writing Course #2: _____

MAJOR REQUIREMENTS:

59 credits total

Required Courses:

_____	GEOS 201 Foundations of Geology	4cr
_____	GEOS 202 Quantitative Methods in the Geosciences	2cr
_____	GEOS 203 Surficial Processes	4cr
_____	GEOS 310 Environmental Geology <i>or</i> GEOS 311 Geochemistry	4cr
_____	GEOS 312 Hydrogeology	3cr
_____	One of the following: GEOS 303, 401-402, 403-404, 405-406, 407-408 (1)	4cr
_____	GEOS 470 Research Methods in the Geosciences	2cr
_____	GEOS 480 Geoscience Seminar	2cr
_____	BIOL 111 Principles of Biology I	4cr
_____	PHYS 111 Physics I Lecture	3cr
_____	PHYS 121 Physics I Lab	1cr

Controlled Electives:

26cr

Select 26 credits from the following list (2):

One 100-level or 200-level GEOS course (must have been taken before GEOS major declared)

Any 300-level GEOS course

Any 400-level GEOS course

Foreign Language Intermediate-Level

BIOL 112, 250

CHEM 231, 232, 322, 323, 341

GEOG 316, 415, 419

MATH 216 or 217, 241

PHYS 112-122, 342

COSC 110, 210, 250, 310, 362

Controlled Electives (25 cr)		Free Electives (15 cr)	
Course	# Credits	Course	# Credits
Total Controlled Electives:	_____	Total Free Electives:	_____

(1) Up to 4cr of a summer field camp, internship, or independent study, all of which must be approved by the department, may substitute for GEOS 303 or a Geoscience Field Workshop.

(2) Only one Geoscience Field Workshop (including prerequisite 1cr Seminar) may be applied toward controlled electives. Up to 12cr from non-GEOS courses may be applied toward controlled electives. 6cr of foreign language