

Resolution #20

TO: President John E. Van de Wetering
FROM: The Faculty Senate Meeting on April 20, 1987
(Date)
RE: X I. Formal Resolution (Act of Determination)
 II. Recommendation (Urging the fitness of)
 III. Other (Notice, Request, Report, etc.)
SUBJECT: Revision of the Geology Major



Signed John M. Wei. Date Sent 4/22/87
(For the Senate)

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TO: The Faculty Senate
FROM: President John E. Van de Wetering
RE: I. Decision and Action Taken on Formal Resolution
a. Accepted. Effective Date 5/1/87
b. Deferred for discussion with the Faculty Senate on _____
c. Unacceptable for the reasons contained in the attached explanation.
II., III. a. Received and acknowledged
b. Comment:

DISTRIBUTION: Vice Presidents: _____
Others: _____
Distribution Date: 5/1/87 Signed: [Signature]
(President of the College)
Date Received by the Senate: _____

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Department of the Earth Sciences
March 1987

Present GEOLOGY MAJOR Program

Major in Geology

The geology major must earn a minimum of 32 semester hours in geology. The professional track is oriented toward graduate study and/or employment as a professional in the geological sciences. The liberal arts major is designed for students seeking a general understanding of geology or planning to become paraprofessionals in geology-related fields.

Professional Track: Required Courses

GEL 101 Our Earth (or equivalent)	4 hours
GEL 302 Historical Geology	4 hours
GEL 306 Introduction to Paleontology	4 hours
GEL 312 Mineral Science I	4 hours
GEL 408 Structural Geology	4 hours
GEL 421 Sedimentology	4 hours
GEL 491 Seminar	2 hours
and one of the following:	
GEL 307 Advanced Paleontology	3 hours
GEL 313 Mineral Science II	3 hours
GEL 314 Optical Mineralogy	4 hours
GEL 432 Igneous and Metamorphic Petrology	4 hours

Liberal Arts Track: Required Courses

GEL 101 Our Earth (or equivalent)	4 hours
GEL 302 Historical Geology	4 hours
GEL 306 Introduction to Paleontology	4 hours
or	
ESC 315 History of Life	3 hours
GEL 312 Mineral Science I	4 hours
or	
ESC 321 Lithology	4 hours
GEL 491 Seminar	2 hours

Please note: Students are expected to complete one year of study in chemistry and physics. Any ESC-designated courses other than those indicated above may not be taken for geology-major credit except with prior written departmental approval. To make normal progress toward a degree, students following the professional track should complete GEL 101, 302, and one year of college chemistry and college physics before entering their junior year. Students following the liberal arts track should complete GEL 101 and 302 before entering their junior year.

Proposed Revision of the GEOLOGY MAJOR

Major in Geology

The geology major must earn a minimum of 32 semester hours in geology. The professional track is oriented toward graduate study and/or employment as a professional in the geological sciences. The liberal arts major is designed for students seeking a general understanding of geology or planning to become paraprofessionals in geology-related fields.

Professional Track: Required Courses

GEL 101 Our Earth (or equivalent)	4 hours
GEL 302 Historical Geology	4 hours
GEL 306 Introduction to Paleontology	4 hours
GEL 312 Mineral Science I	4 hours
GEL 408 Structural Geology	4 hours
GEL 431 Petrology	4 hours
GEL 491 Seminar	2 hours
	26 hours
Electives by advisement	6 hours
TOTAL:	32 hours

Liberal Arts Track: Required courses

GEL 101 Our Earth (or equivalent)	4 hours
GEL 302 Historical Geology	4 hours
GEL 306 Introduction to Paleontology	4 hours
or	
ESC 315 History of Life	3 hours
GEL 303 Introduction to Minerals	1 hour
or	
GEL 312 Mineral Science I	4 hours
GEL 431 Petrology	4 hours
GEL 491 Seminar	2 hours
	18 to 21 hours
Electives by advisement	11 to 24 hours
TOTAL:	32 hours

Please Note: Students are expected to complete one year of study in both chemistry and physics. Any ESC-designated courses other than those indicated above may not be taken for geology-major credit except with prior written departmental approval. To make normal progress toward a degree, students following the professional track should complete GEL 101, 302, and one year each of college chemistry and college physics before entering their junior year. Students following the liberal arts track should complete GEL 101 and 302 before entering their junior year.