Resolution #20

TO: President John E. Van de Watering
FROM: The Faculty Senate
MEETING ON April 20, 1987

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

[Stamp: SUNY University College RECEIVED APRES 1987]

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

TO: The Faculty Senate
FROM: President John E. Van de Watering

RE: I. Decision and Action Taken on Formal Resolution
    a. Accepted. Effective Date
       [Initial]
    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
[Signature] (President of the College)

Date Received by the Senate:
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 towards 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 towards 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
- 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
- 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.

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