Check Natalie Mahowald’s site for more information (especially for concentration courses):
http://www.geo.cornell.edu/eas/PeoplePlaces/Faculty/mahowald/Web/start.html

Math Courses
Students in the CALS and A&S are encouraged to take the four semester engineering math sequence (MATH 1910-2940) in place of the MATH 1110-1120 sequence. Our students seem to like the applied approach in MATH 1910-2940 better than the more theoretical approach in MATH 1110-1120.

Suggested classes:
- MATH 1910
- MATH 1920
- MATH 2930
- MATH 2940
- AEP 4210/4220 if you are interested in studying more physical earth sciences (ex. geophysics, physical oceanography, atmospheric dynamics, planetary science)

Depending on your specific interests you may want to take more math courses (ex. group theory, statistics)

EAS Professors to check with for math course recommendations: Natalie Mahowald, Matthew Pritchard, Rowena Lohman, Larry Cathles

Physics Courses
Again, students are encouraged to take the engineering sequence.

Suggested classes:
- PHYS 1112
- PHYS 2213
- PHYS 2214 if you are interested in studying more physical earth sciences (ex. geophysics, physical oceanography, atmospheric dynamics, planetary science)

Depending on your specific interests you may want to take more physics.

EAS Professors to check with for physics course recommendations: Natalie Mahowald, Matthew Pritchard, Rowena Lohman, Larry Cathles

Chemistry Courses
Suggested courses:
- For the basic chemistry requirement you may take any of these classes:
  - CHEM 2090 Engineering General Chemistry
  - CHEM 2070 General Chemistry
  - CHEM 2150 Honors General Chemistry
Either of these organic chemistry routes is recommended:
- CHEM 1570 Introduction to Organic Chemistry
- CHEM 3570/3580 Organic Chemistry for the Life Sciences
- CHEM 3590/3600 Honors Organic Chemistry

Depending on your interests you may desire more chemistry.

EAS Professors to check with for chemistry course recommendations: Sue Kay, Bob Kay, Chuck Greene, Lou Derry, Bill White

**Computer Science Courses**

No matter what you think you want to do in geosciences having computer science skills makes you more competitive and will be useful.

Suggested introductory courses:
- CS 1110 Introduction to Computing Using Python
- CS 1112 Introduction to Computing Using MATLAB
- CS 1114 Introduction to Computing Using MATLAB and Robotics

Additional recommended courses (do not be intimidated by the course number!):
- EAS 2900 Computer Programming and Meteorology Software
- CSS 4110 Remote Sensing for Environmental Resource Inventory
- CSS 4200 Geographic Information Systems
- EAS 4850 Climate Information and Management
- EAS 7500 Satellite Remote Sensing Training for Biological Oceanographers

EAS Professors to check with for computer science course recommendations: Natalie Mahowald, Bruce Monger, Matt Pritchard, Rowena Lohman

**Biology Courses**

Suggested courses:
- BIOG 1140 Foundations of Biology
- BIOEE 1610 Introductory Biology: Ecology and the Environment
- BIOEE 1780 An Introduction to Evolutionary Biology and Diversity
- BIOSM 1610 Ecology and the Marine Environment
- BIOSM 1780 Evolution and Marine Diversity
- EAS 1540 Introductory Oceanography
- EAS 1700 Evolution of the Earth and Life

Additional courses here: [http://cals.cornell.edu/academics/registrar/degree-requirements/distribution/](http://cals.cornell.edu/academics/registrar/degree-requirements/distribution/)

EAS Professors to check with for biology course recommendations: Warren Allmon, Chuck Greene, John Cisne, Lou Derry