



THE UNIVERSITY OF CHICAGO
DEPARTMENT OF THE GEOPHYSICAL SCIENCES
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Sample Ph.D. Programs

Following is an example of one possible course of study within the Department. Graduate students work with faculty advisors to create individualized M.S. and Ph.D. programs.

Solid Earth Sciences

From the Geophysical Sciences:

- Introduction to Petrology
- Climate Dynamics of the Earth and Other Planets
- Biogeochemistry and Global Change
- Reading and Research in Geophysical Sciences *
- Thermodynamics and Phase Change
- Radiogenic Isotope Geochemistry
- Cosmochemistry
- Geochemistry
- Analytical Techniques
- Radiation Transfer Theory

From Chemistry:

- Quantum Mechanics
- Chemical Thermodynamics

* Taken at the pre-candidacy and Ph.D. candidate levels; usually taken more than once.