



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.

#### **Paleontology and Historical Biology**

*From the Geophysical Sciences:*

- Introduction to Structural Geology
- Principles of Stratigraphy
- Introductory Paleontology
- Field Course in Modern Carbonate Environments
- Field Course in Structural Geology, Petrology and Stratigraphy
- Topics in Stratigraphy and Biosedimentology
- Macroevolution
- Taphonomy
- Topics in Paleobiology
- Analytical Paleobiology
- Present and Paleoclimatology
- Reading and Research in Geophysical Sciences \*

*From Ecology and Evolution:*

- Grants, Publications and Professional Issues

*From Evolutionary Biology:*

- Evolutionary Processes
- Advanced Systemic Biology

*Other classes from Organismal Biology and Anatomy and Radiology*

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