



University of Kentucky

# Geological Sciences

[ees.as.uky.edu](http://ees.as.uky.edu)

## WHAT CAN A GEOLOGICAL SCIENCES MAJOR DO FOR YOU?

Understand the Earth's past and present with a Geological Sciences degree. The Earth is our laboratory, so geologists have to take field trips to examine first-hand how the Earth works, and carry out field research to further our understanding. If you like the outdoors and travel, and have a broad science aptitude, then the Geological Sciences major is for you! This major is great for students aspiring to work in geology or environmental public policy.

## WHAT SKILLS DO YOU DEVELOP STUDYING GEOLOGICAL SCIENCE?

- Problem solving, critical and analytical thinking
- Utilize computer techniques to solve problems
- Collaboration with other geologists and scholars
- Construct and manage various numerical, oral, graphical or textual information
- Present insights and information in writing and speaking
- Synthesize the entire range of sciences in creatively solving geoscience problems

## GEOLOGY MAJORS GO ON TO BECOME:

- Petroleum geologists
- Hydrogeologists
- Engineering geologists
- Environmental geologists
- Geophysicists
- Economic geologists
- Paleoclimatologists
- Volcanologists
- Seismologists
- Geochemists
- Mineralogists
- Sedimentologists
- Cartographers
- Paleontologists
- Petrologists
- Stratigraphers
- Land-use technicians
- Surveyors

To learn more about majoring in Geological Sciences contact  
Dr. Rebecca Freeman at [rebecca.freeman@uky.edu](mailto:rebecca.freeman@uky.edu) or visit [ees.as.uky.edu](http://ees.as.uky.edu).

 College of Arts  
and Sciences



University of Kentucky

# 地質學

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## 肯塔基大学地理科学专业

了解地球过去和现在，获得地理科学学位。地球就是我们的实验室，因此，地质学家们必须进行实地考察，亲自观察地球的运行方法，并进行实地调研，以进一步加强我们的理解。如果你喜欢户外运动和旅行，并有广泛的科学能力，地理科学专业为你量身定做！

## 学习地理科学获得的技能

- 解决问题的能力，批判与分析思维
- 利用计算机技术解决问题
- 与其他地质学家和学者的合作
- 收集和整理各种数字、口头、图形或文本信息
- 在写作和口语中提出见解和提供信息
- 综合各种学科（化学，物理，生物学和数学）创造性的解决地理科学的问题

## 地理科学专业深造可成为：

- 石油地质学家
- 水文地质工作者
- 工程地质学家
- 环境地质学家
- 地质物理学家
- 经济地质学家
- 古气候学家
- 火山学家
- 地震学家
- 地球化学家
- 矿物学家
- 沉积学家
- 制图员
- 古生物学者
- 岩石学家
- 地层学家
- 土地利用技术人员
- 测量师

了解更多关于地理科学专业的信息

请联系 Dr. Rebecca Freeman 邮箱：[rebecca.freeman@uky.edu](mailto:rebecca.freeman@uky.edu)

或者登陆我们的网址 [ees.as.uky.edu](http://ees.as.uky.edu).

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