Approved Computational Science Courses (Two Required)

Highlighted courses offered Fall 2025

Geography:
GRG 462K Introduction to Remote Sensing of the Environment
GRG 464K Advanced Remote Sensing and Pattern Analysis
GRG 368C Spatial Analysis and Geographic Information Systems
GRG 369D GIS Applications in Social and Environmental Science
GRG 470C Advanced Geographic Information Systems
GRG 370D Spatial Reasoning with Geographic Information Systems

Geological Sciences:
GEO325G Computational Applications in the Geosciences
GEO 352P Python for Geoscience Research
GEO 455S Introduction to Remote Sensing for Geoscientists

Petroleum & Geosystems Engineering:
PGE338 Geostatistics and Data Analysis

Statistics and Data Sciences:
*SDS 320E Elements of Statistics
SDS 320H Elements of Statistics: Honors
SDS 321 Introduction to Probability and Statistics

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*Biological sciences majors must take Statistics and Data Sciences 320E, 320H, or 321.