

GEOS 3XX OCEANOGRAPHY

Descriptive and quantitative treatment of the geological, physical, chemical and biological processes that occur in, or are influenced by, the oceans. The history of oceanic exploration and discovery is addressed.

- * Design a cruise. ~~part~~: Plan destination, duration, equipment, ^{research} needs, sampling strategy -
- 1) Define your research/exploration question:
What do you want to know? Predict what you will observe?
 - 3) Evaluate your findings. How will you do this?
- Should these findings correlate to a larger dataset? How?

- GOOD GOALS FOR A GRADUATE CLASS
BUT NOT FOR AN UNDERGRAD CLASS
→ Because undergrads may not know background skills needed to design a research cruise. ~~they~~
- 4) Derive quantitative measurements for observing oceanographic processes (Example: Geophysical surveying)

Seems like the one main goal of this project would be to teach the scientific method, that's great! We think this project would be a great way to do that ~~any~~ at any level; project difficulty will depend on student level.