



University of California, Santa Barbara
Program Learning Outcomes

B.A. in Geography

Students graduating with a B.A. in Geography should be able to:

1. Explain how geography, the study of Earth as the home of humanity, integrates biophysical sciences, social and behavioral sciences, and humanities.
2. Describe the interrelationships of physical, biological, socio-cultural, and economic components of the Earth system.
3. Describe the basic spatial layout of Earth, and the identities of major terrestrial and aquatic surface features.
4. Identify and apply basic geographic concepts, including concepts of space, place, and the natural and built environment.
5. Explain the causes and implications of patterns of spatio-temporal interaction and movement in both the biophysical and human domains.
6. Identify and apply the geographic information techniques of cartography, remote sensing, GIS, and spatial- and geo-statistics.
7. Read, understand, and critically evaluate literature in one or more areas of geographic research.
8. Effectively communicate knowledge about geographic research and phenomena, in oral, graphical, and written form.
9. Demonstrate an understanding of the role of geography in today's world.

In addition, students graduating with an emphasis in Geographic Information Science should be able to:

10. Apply geographic information techniques effectively enough to support employment or graduate education in areas of cartography, remote sensing, geographic information systems, or spatial- and geo-statistics.