

Upon successful completion of the GEOG M10 course, a student should be able to:

1. locate principal physical features and human places on a map of California including cities, mountains, rivers, parks, etc.
2. explain the tectonic history of California and identify zones of earthquakes, volcanic activity as well as folding and faulting giving reasons for their occurrence.
3. explain the basic processes leading to physical landform formation.
4. identify and map various climates of California and contributing factors.
5. identify and map the principal vegetation communities of the state and key species of concern.
6. explain the factors contributing to the high biological diversity of the state.
7. discuss the dynamics, issues and politics of California water.
8. discuss the migration and immigration geo-history of the state and the cultural, social, and ethnic diversity of the state.
9. explain the conditions governing agriculture in California and identify other principal economic industries of the state and their relative significance in the state's current economy.
10. contrast urban and rural geographies in the state.
11. discuss globalization, urbanization, transportation and planning issues.
12. practice skills in using geographic tools, such as map interpretation, library resources, the Internet, interviewing, and field work.