

## **GISC4386 - Global Change and Its Challenges**

[GISC 4386](#) Global Change and Its Challenges (3 semester credit hours) Introduction to global environmental change with a focus on the physical processes and patterns of terrestrial, atmospheric, and climatic changes, and the social causes and implications of these changes. Topics covered include impacts of human activities on land, water and atmosphere, including land-use and land-cover change, water pollution, the greenhouse effect, and climate change. Remote sensing and GIS data and models are used to illustrate examples of and track change. (3-0) Y