Fall 2016

**EES 79903, CRN 32459**

**Raster Analysis (Machado)**

Focusing on the structure and the various ways in which raster data can created, modified, and analyzed using a Geographic Information System (GIS). Topics include surface analysis, multi-criteria/multi-objective evaluation, and map algebra. The course combines lectures with weekly laboratory exercises designed to apply the concepts from the lectures and to develop students' expertise with GIS processing software. Prerequisite: Prior GIS coursework or experience.