Fall 2016

EES 79904, CRN 32460

**Environmental Modeling and Spatial Analysis with GISc  (Maantay)**

Use of Geographic Information Systems for conducting research and spatial analyses in the natural and social sciences.  The advanced use of computer mapping and spatial analysis technologies for studying the physical and human components of the Earth environment.  Current methodologies are used to conduct complex analyses involving modeling and simulation, and their applications to environmental analysis and management, urban planning, risk and hazard assessment, and other arenas of public policy and decision-making.  Recommended: Prior GIS coursework or experience