Geoprocessing with Python
GEOG 5180/6180: Fall 2014, Tom Cova, M 4:35 pm – 7:35 pm, OSH 277

The Python programming language has become the de facto macro language for manipulating and processing geographic information. Researchers and developers are especially fond of its clean syntax, built-in data types, and extensibility, which have catapulted it to the top choice for rapid prototyping. This course is an introduction to using Python as a macro language for geoprocessing (in ArcGIS), as well as a general-purpose programming language for manipulating spatial data. Python skills are highly-prized in the industry because a GIS analyst can automate many of the mundane tasks that would be time-consuming or impossible to do manually.

“I’d rather have one GIS analyst that knows Python over forty that don’t.” –K. Bell, SLC GIS