

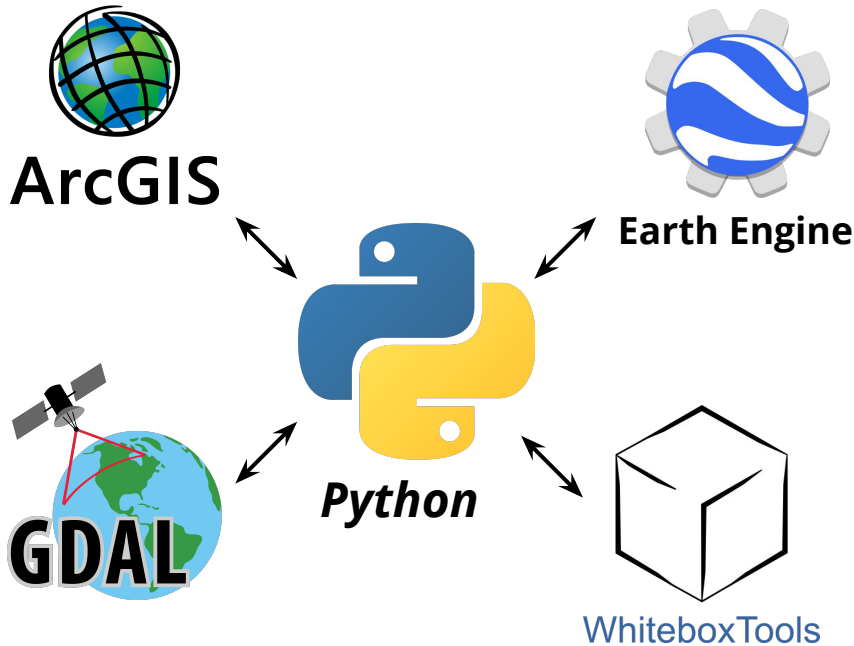


LEARN PYTHON  
PROGRAMMING  
WITH GIS

DEVELOP  
PACKAGES FOR  
GEOPROCESSING

DESIGN  
INTERACTIVE  
WEB APPS

PUBLISH PACKAGES  
ON GITHUB



Spring 2021 - GEOG 510

# ***GEOGRAPHIC SOFTWARE DESIGN***

In this course, students will learn how to develop open-source packages for geospatial analysis and interactive mapping. Students will also learn how to publish packages to GitHub for open access. Topics include: developing ArcGIS Toolboxes; designing Python packages for analyzing spatial data with GDAL, WhiteboxTools, etc.; building and publishing interactive web apps for cloud computing with Earth Engine (see [geemap.org](http://geemap.org)).

*Department of Geography, University of Tennessee*

*No prerequisites  
in computer  
programming*

Fully online  
Meet on Fridays  
10:30 - 11:20 am for  
live Q&A

**Instructor:**  
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<https://wetlands.io>