## First Steps in GIS Programming

Geog309, Thursdays 11:10–12:25, BGB 206, Fall 2017

Department of Geography

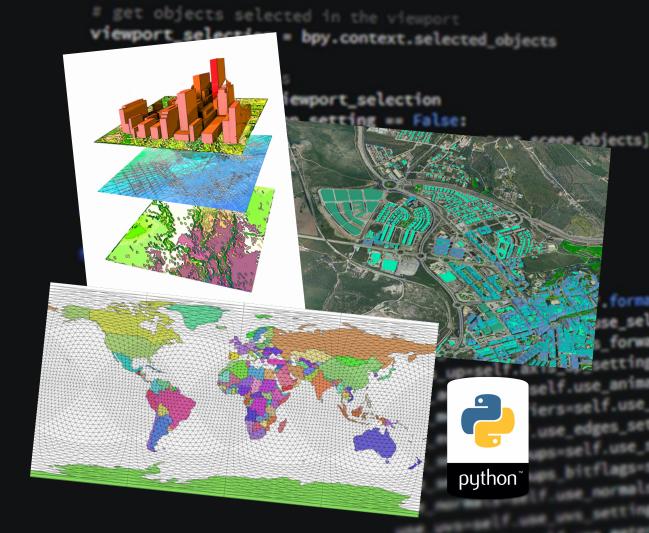
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Interested in learning to code? Exploring the power of automating GIS? Developing a highly-employable and useful skill? Building competency in data science? Geog309 is the course for you!

Focusing on students entirely new to coding, this course will teach the basics of object-oriented programming in the popular Python language. We then move on to using Python to automate ArcGIS<sup>TM</sup> geoprocessing tools, building timesaving, reusable custom workflows.

This course will lay the necessary foundations in coding skills to enable you to move on to advanced data processing libraries like NumPy, GDAL, and Matplotlib.



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