First Steps in GIS Programming

Geog309, Thursdays 11:10–12:25, BGB 206, Fall 2017
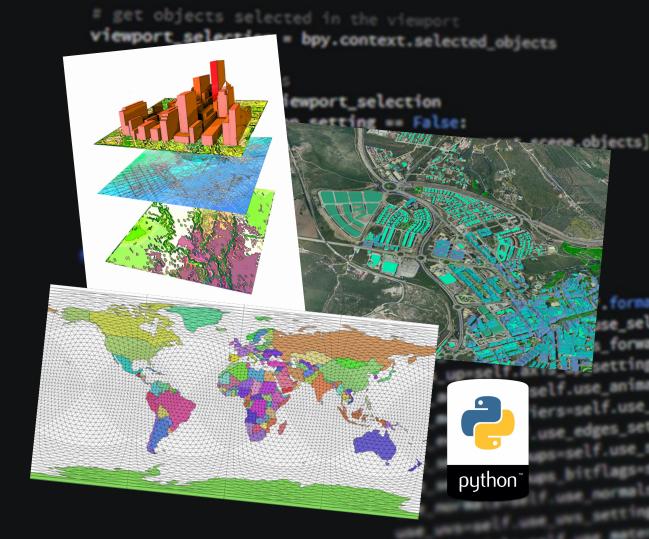Department of Geography
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Interested in learning to code? Exploring the power of automating GIS? Developing a highly-employable and useful skill? Building competency in data science? Geog309 is the course for you!

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™ geoprocessing tools, building time-saving, 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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