



Foundation

ArcGIS Basic

SAQA

Duration: 5 Days (40 Hours)

Read hard copy maps (**SAQA US ID: 258636, NQF Level: 5, Credits: 3**)

Demonstrate an understanding of the context of GI Science (**SAQA US ID: 258657, NQF Level: 6, Credits: 4**)

Learn about the basic theoretical and practical GIS concepts including spatial data structures, data sources and transfer methods, projections and coordinate systems, metadata, the integration of remote sensing and GIS, as well as fundamental spatial analysis techniques.

Note: Course concepts apply to ArcGIS 10.4, 10.5, and 10.6. Esri will provide ArcGIS 10.6 software for use during class.

Goals



Organize, create, and edit geographic data.



Manage, symbolize, and label map layers, Design map Layout.



Analyze GIS data, organise and solve spatial problems.



Share maps and analysis results.

Who should attend?

New GIS Users

Refreshing ArcGIS Skills

Suggestion

Experience with Windows-based software for basic file management and browsing is required.

Software

Esri will provide the following software to use during class:

- ArcGIS Desktop 10.6 (Standard or Advanced)
- ArcGIS Online