



Foundation

GIS Data Structure for Data Acquisition

(SAQA)

Duration: 2 Days (16 Hours)

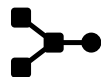
Registered unit standards:

Develop a basic understanding of GIS data structures for data acquisition (**SAQA US ID: 258641, NQF Level: 6, Credits: 6**)

In this course, you will learn how to set up a data capture environment and to use the appropriate feature type when capturing data. You will also learn the basic theory and principles of spatial data models and structures that are used to capture data in a vector or raster GIS. It is expected that the attendees will complete a project exercise in their own time and submit the result for evaluation.

Note: Course concepts apply to ArcGIS 10.4, 10.5, and 10.6.

Goals



Import and export data to and from native ArcGIS formats.



Automate, Organise and explain some conversion workflows.

Who should attend?

Refreshing ArcGIS Skills

Intermediate GIS Users

Suggestion

Completion of **Introduction to GIS using ArcGIS knowledge** is required.
ArcGIS Online equivalent courses Getting Started with GIS and Referencing Data to Real-World Locations Using ArcGIS is recommended.

Software

Esri will provide the following software to use during class:

- **ArcGIS Desktop 10.5 (Basic, Standard or Advanced)**