

SCHOOL OF IT INTERNATIONAL

ArcGIS Courses Brochure

Live, 1-on-1 online training in Esri ArcGIS — spatial analysis, Python scripting for GIS automation, and ArcGIS Pro for advanced 3D and multi-source geospatial analysis.

Spatial Analysis

Python Scripting

ArcGIS Pro

School of IT International (Pty) Ltd

Somerset West, Cape Town, South Africa · schoolofit.co.za

ArcGIS for Spatial Analysis

ArcGIS is a family of client, server and online geographic information system software developed and maintained by Esri. Learn to visualise, analyse and produce professional maps. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Learning Objectives

Covered over 20 hours (5-10 days).

- 1 ArcGIS system software — what is GIS, versions, layers, attributes and selections
- 2 Geospatial and spatial data — vector vs raster, metadata, projections and coordinate systems
- 3 ArcGIS functionalities — visualising data, measuring, ArcCatalog and metadata
- 4 Working with raster data — displaying, merging, resampling, clipping, georeferencing
- 5 Working with vector data — attributes, spatial joins, choropleth maps
- 6 Data creation, buffers, map layouts, legends, and exporting/printing maps

Pricing

COURSE PRICE

R22,800

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours (5-10 days) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

- ◆ GIS Analyst
- ◆ Spatial Data Analyst
- ◆ Geospatial Technician
- ◆ Cartographer
- ◆ Environmental/Urban Planner

Typical ArcGIS-skilled salary (South Africa)

R250k – R520k / yr



International exam (optional): Esri certification — additional in price, contact us to confirm current fee.

 Get job-ready skills — start your ArcGIS for Spatial Analysis course today.

Enrol Now →

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ArcGIS with Python Scripting

Automate ArcGIS workflows using Python and ArcPy — build custom toolboxes, geoprocessing scripts, and data automation pipelines. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 20 hours (5-10 days).

1 Geospatial and spatial data — vector vs raster, metadata, and coordinate systems**2 Python in depth — data types, variables, functions, conditionals, loops, classes****3 ArcPy for ArcGIS — tool and Python references****4 Geoprocessing and workflows — creating projects, scripts, and custom toolboxes****5 ArcPy package — inventory, describing/walking data, geometries, symbology**

💰 Pricing

COURSE PRICE

R22,800

Full payment before commencement (no payment plan)

📖 Course Duration & Format



Duration

20 hours (5-10 days) — maximum completion time



Payment

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Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

💼 Career Prospects

◆ GIS Developer

◆ Geospatial Automation Specialist

◆ GIS Analyst (Python)

◆ Spatial Data Engineer

◆ Remote Sensing Analyst

Typical ArcGIS Python-skilled salary (South Africa)

R300k – R600k / yr



International exam (optional): Esri certification — additional in price, contact us to confirm current fee.



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ArcGIS Pro for Spatial Analysis

Master ArcGIS Pro — the modern Esri desktop GIS application — covering data exploration, editing, symbology, layouts, multi-source analysis and 3D visualisation. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

🎓 Learning Objectives

Covered over 40 hours (~2 months).

- 1 Introduction to GIS and ArcGIS Pro; navigating the modern interface
- 2 Exploring spatial relationships — joins, merges, intersects
- 3 Creating and editing data; symbology in ArcGIS Pro
- 4 Map layouts and analysis of multiple dataset types/sources
- 5 Data management — creating your own projects and data
- 6 Editing tools and understanding 3D — viewing and exploring layers in 3D

💰 Pricing

COURSE PRICE

R32,700

Full payment before commencement (no payment plan)

📚 Course Duration & Format



Duration

40 hours (~2 months) — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

👜 Career Prospects

- ◆ Senior GIS Analyst
- ◆ GIS Project Lead
- ◆ 3D Spatial Analyst
- ◆ Geospatial Consultant
- ◆ Environmental Data Analyst

Typical ArcGIS Pro-skilled salary (South Africa)

R350k – R680k / yr



International exam (optional): Esri certification — additional in price, contact us to confirm current fee.

 Get job-ready skills — start your ArcGIS Pro for Spatial Analysis course today.

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