



Faculty of Health, Science and Technology
Geo-Science

Course Reading

Geospatial Python

Valid from 01/19/2026

Course Code: GMAF01

Course Title: Geospatial Python

Credits: 7.5

Degree Level: Master's level

Books

Diener, M. (2015). *Python Geospatial Analysis Cookbook*. Packt Publishing

Dorman, M., Graser, A., Nowosad, J., & Lovelace, R. (2025). *Geocomputation with Python*. CRS Press

Lawhead, J. (2019). *Learning Geospatial Analysis with Python: Understand GIS fundamentals and perform remote sensing data analysis using Python 3.7* (3 ed.). Packt Publishing

Approved by the Faculty Board of Health, Science and Technology 08/26/2025