

## **Kejuruteraan Geoteknikal dan Geologikal**

Bidang ini merangkumi ciri kejuruteraan dan perilaku tanah dan batuan serta penggunaannya di dalam struktur-struktur kejuruteraan. Kursus dan tajuk-tajuk penyelidikan termasuk reka bentuk asas, kestabilan cerun, pembaikan bumi, dan juga sifat asas kejuruteraan bagi tanah dan batuan. Isu geo-persekitaran seperti hakisan tanah, tanah isian sanitari, bumi tercemar dan pelupusan sisa toksik juga dilitupi.

## **Geotechnical and Geological Engineering**

This field of study deals with the engineering aspects and behaviour of soils and rocks, and their applications in engineering structures. Course and research topics include foundation design, slope stability, ground improvement, and basic engineering properties of soil and rock. Geo-environmental issues such as soil erosion, sanitary landfill, contaminated ground and toxic waste disposal are also covered.