

Gait Analysis

MSc Biomechanics Module

Key facts:

Mode:

Distance Learning supported by Blackboard with 6 contact days at The Science Centre, Stoke-on-Trent

Course Begins:

March, April and May

Credits:

30 credits


Entry requirements:

You need to be involved in musculoskeletal practice as an Allied Health professional registered with the Health and Care Professions Council (HCPC), Sports Therapist or Biomechanist who support Allied Health professionals or a Medical professional.

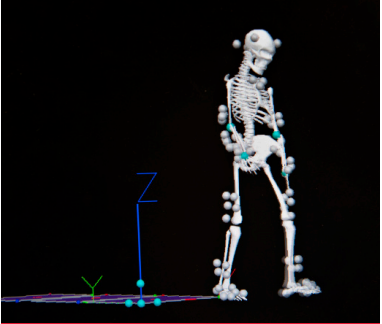
Module Outline:

The focus of this module is on developing and extending the understanding of gait analysis equipment and its application in analysing normal and pathological human movement. The content of the module will allow familiarisation and hands on use of complex gait 3D motion analysis as well as investigate the place and use simple video based 2D analysis.

You will review gait and its key elements and how equipment can be used to analyse mechanics of locomotion. There will be a strong emphasis on hands on practical's, with opportunity to capture data, process and analyse practical information taken from contact sessions. There will also be significant time placed on understanding handling of data and interpretation of results obtain whilst analysing gait.



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