

Sports Biomechanics in Injury

MSc Biomechanics Module

Key facts:

Mode:

Distance Learning supported by Blackboard with 1 contact day at The Science Centre, Stoke-on-Trent

Course Begins:

October

Credits:

15 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 primary aim of this module is to focus on how the athlete and sports performer differ in their presenting pathology and management to that of a standard injury. The content of the module will cover the following areas, but will concentrate on sports injuries and management. Principles of Sports Biomechanics in relation to Injury Management, The Principles of Rehabilitation, Principles of Injury Prevention, Mechanisms of Injury. The role and practice of sports therapist, The role and practice of a sports physician. The Internal and External factors associated with Sports injury. By investigating these areas the student will developing an holistic approach to managing injuries presented by sports performers.



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