

University of Pretoria Yearbook 2022

Biomechanics III 724 (MBK 724)

Qualification Postgraduate

Faculty [Faculty of Health Sciences](#)

Module credits 25.00

NQF Level 08

Programmes [BScHons Sports Science](#)

Contact time 1 practical per week, 2 lectures per week

Language of tuition Module is presented in English

Department Biokinetics and Sports Science

Period of presentation Semester 2

Module content

Advanced biomechanical methods are introduced, including three-dimensional kinematics, estimation of joint loading, and electromyography. These techniques will be applied in the analysis of sports techniques as they relate to performance enhancement and injury prevention.

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