

## **Minor - Biomechanics**

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### **Minor - Biomechanics Description**

The biomechanics minor is designed for individuals with backgrounds in engineering, kinesiology, human movement sciences, health, medicine, and other health to kinesiology related areas, who are seeking an advanced understanding of biomechanics. The biomechanics minor covers musculoskeletal anatomy, functional kinesiology, injury evaluation and treatment, biomechanics instrumentation, and sports and occupational biomechanics, therapeutic interventions, and medical device development.

### **Course Requirements**

The minor consists of the following courses:

- AT 501 - Foundations of Biomechanics (4 hours)
- AT 502 - Musculoskeletal & Movement Biomechanics (4 hours)
- AT 503 - Clinical Application & Injury Biomechanics (3 hours)
- AT 504 - Applied Biomechanics & Movement (4 hours)

