WHO SHOULD TAKE THIS COURSE?
Students wanting to learn the fundamentals of sports performance analytics.

COURSE OBJECTIVES
- Learn how to code in R and Rstudio.
- Learn the intricacies of each of the major sports.
- Gain knowledge about the sports science data protocol implemented in pro sports teams.
- Examine how sports analytics are applied to performance, player drafts, injury prevention, and trade value of athletes.
- Meet experts in the sports industry field.

KEY CONCEPTS
- Principles of the measurement model for sports
- Exploratory analysis, correlations, ANOVA, regression models
- Load Management KPIs
- Sports Science Data Collection in Pro Sports

COURSE DESCRIPTION
This course will provide a basic understanding of the different fields within sports analytics including performance, strategy, salary cap, drafting and scouting.