

Sports Science and Data Analytics MS

The MS in Sports Science & Data Analytics is an interdisciplinary program integrating data science, statistics, advanced measurement and evaluation, and sports science. This program is designed to provide students with knowledge and skills to work successfully with athletes, coaches, sports professionals, and sports organizations. Students will learn various methods used in performance data collection and analysis to improve sport performance, as well as enhance sport entity's performance.

HHPK 545	Advanced Exercise Physiology	3
HHPK 593	Biomechanics	3
HHPK 530	Sports Conditioning	3
HHPK 595	Critiquing & Conducting Research	3
HHPK 617	Stat Proc Hlth/Hum Perf	3
HHPS 556	Sport Analytics	3
HHPS 657	Sport Marketing Analytics	3
CSCI 513	Python Programming for AI	3
CSCI 527	Data Mining	3
CSCI 556	Data Analysis & Visualization	3
AI 500	Foundations of Artificial Intelligence	4
HHPK 561	Practicum in Sports Science	2
Total Hours		36