SPORT ANALYTICS

Contact Information

Sport Analytics
https://sport.rice.edu
249 Kraft Hall
713-348-5764

Clark D. Haptonstall
Program Director
hapton@rice.edu

Sport Analytics is an interdepartmental program designed to assist undergraduate students in developing strong data analysis and analytical thinking skills to address important questions both on the team/player performance side and the business/revenue generation side of the sport industry. The curriculum provides students rigorous training in areas such as data science, computer science, statistics, and sport management. The interdisciplinary studies will allow students to build solid theoretical foundations in sport management as well as strong data analysis skills.

The Sport Analytics major highly values the importance of experiential learning. Students have opportunities to work with mentors from professional sport teams, college teams, and other industry professionals on problem sets that are critical to sport organizations.

The Data to Knowledge (D2K) Lab (https://d2k.rice.edu/) and the Departments of Sport Management (https://ga.rice.edu/programs-study/departments-programs/social-sciences/sport-management/) and Statistics (https://ga.rice.edu/programs-study/departments-programs/engineering/statistics/#text) oversee the Sports Analytics major.

Bachelor's Program

- Bachelor of Arts (BA) with a Major in Sport Analytics (https://ga.rice.edu/programs-study/departments-programs/social-sciences/sport-analytics/sport-analytics-ba/)

Sport Analytics does not currently offer an academic program at the graduate level.

Program Director

Clark D. Haptonstall, *Sport Management*

Professors

Rudy Guerra, *Statistics*
David B. Johnson, *Computer Science*
Scott Rixner, *Computer Science*

Assistant Professors

Akane Sano, *Electrical and Computer Engineering*
Hua Gong, *Sport Management*
Scott Powers, *Sport Management*

Associate Teaching Professor

Stephen Wang, *Mathematics*

Assistant Teaching Professors

Risa B. Myers, *Computer Science*
Rebecca Schreib, *Computer Science*

Professors in the Practice

Diane Crossey, *Sport Management*
Clark D. Haptonstall, *Sport Management*
Tom Stallings, *Sport Management*
Stephanie Wilka, *Sport Management*

Lecturer

Roberto Bertolusso, *Statistics*

Instructors

Nickolas Castro, *Mathematics*
Hongdi Huang, *Mathematics*

For Rice University degree-granting programs:
To view the list of official course offerings, please see Rice's Course Catalog (https://courses.rice.edu/admweb/!SWKSCAT.cat?p_action=cata).
To view the most recent semester's course schedule, please see Rice's Course Schedule (https://courses.rice.edu/admweb/!SWKSCAT.cat).

Description and Code Legend

Note: *Internally, the university uses the following descriptions, codes, and abbreviations for this academic program. The following is a quick reference:*

Course Catalog/Schedule

- Course offerings/subject code: Courses from various subjects may apply towards this program

Department (or Program) Description and Code

- Sport Analytics: SPCS

Undergraduate Degree Description and Code

- Bachelor of Arts degree: BA

Undergraduate Major Description and Code

- Major in Sport Analytics: SPCS

CIP Code and Description[1]

- **SPCS** Major/Program: CIP Code/Title: *30.7199 - Data Analytics, Other*

[1] Classification of Instruction Programs (CIP) 2020 Codes and Descriptions from the National Center for Education Statistics: https://nces.ed.gov/ipeds/cipcode/.