

Drury University's Sports Statistics & Analytics Certificate was established as an interdisciplinary four-course program of study using MATH 227–Introduction to Statistics, CSCI 152–Fundamentals of Programming, MGMT 356–Negotiation and Organizational Conflict, and MATH 302–the certificate capstone.

In this certificate students will strengthen the relationship between academics and athletics by combining a passion for sport with rigorous academic analysis. Navigating through all four courses students will identify important unanswered questions within sports, create statistics to study those questions, and learn to effectively communicate their data-driven results to peers, coaches, and sports organizations.

Certificate Learning Outcomes:

Upon completion of this certificate, students will be able to:

- LO 1:** Create a unique descriptive and a unique prescriptive statistic about a sporting event or player performance,
- LO 2:** Proficiently analyze current statistics in sports,
- LO 3:** Work with sports teams and coaches to implement new analysis to improve awareness or performance with a sport,
- LO 4:** Demonstrate an ability to communicate innovative analysis to a general public.

Course:	LO 1	LO 2	LO 3	LO 4
MATH 227	x	x		
CSCI 152		x		
MGMT 356			x	x
MATH 302	x	x	x	x