

# SPORTS ANALYTICS MINOR (CEHD)

**Banner Code:** SPTA

## Academic Advising

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Website: <https://srtm.gmu.edu/sport-management/degree-options/sport-analytics-minor>

This minor provides students with a foundational understanding of the sports industry coupled with the study of how data can be used in the world of sports to enable teams, leagues, and other sports businesses to acquire an advantage over their competitors. With the successful completion of this minor, students should be able to use various statistical models and other analytic tools to help sports organizations improve performance in some of the following areas: season ticket sales, luxury box sales, marketing, talent identification, scouting of opponents, the prediction of industry trends, and customer service.

This minor is offered jointly with the School of Business (<http://catalog.gmu.edu/colleges-schools/business/>), College of Science (<http://catalog.gmu.edu/colleges-schools/science/>), and the College of Engineering and Computing (<http://catalog.gmu.edu/colleges-schools/engineering-computing/>).

## Admissions & Policies

### Admissions

This minor is available to all Mason undergraduate students.

### Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 18

#### Required Courses

Code	Title	Credits
SPMT 201	Introduction to Sport Management	3
SPMT 425	Sport Analytics	3
Select one of the following groups:		6
BUS 210 & BUS 310	Business Analytics I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and Business Analytics II	
STAT 250 & STAT 350	Introductory Statistics I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) and Introductory Statistics II	
Total Credits		12

#### Electives

Code	Title	Credits
Select two courses from the following:		
CDS 130	Computing for Scientists (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	6
CDS 292	Introduction to Social Network Analysis (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
SRST 450	Research Methods (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
SYST 473	Decision and Risk Analysis	
Total Credits		6