

University of North Carolina at Charlotte
School of Data Science
Fall 2025
Course Number & Title: DTSC 3400 Data Science/Sports Analytics Practicum
Credit Hours: 3 credit hours
Prerequisites: None

Meeting Days & Times: Online, asynchronous

Instructor: Michael Schuckers

Office: Colvard 1048A

Email: schuckers@charlotte.edu

Office/Student Hours: M, Tu 9 to 11 in Halton (2nd Floor)

W 1 to 3 in Colvard 1048A

and by appointment

Textbook: None

Pre-requisites: None

Course Learning Outcomes:

As part of this course, students will

- + have a better understanding of the role of data within a sports organization,
- + have gained experience working with sports professionals,
- + learn to carry themselves in a professional manner,
- + practice technical communication skills,
- + work in groups and develop teamwork skills,
- + have collected and analyzed real world data.

My preferred method of communication is email.

As a practicum/internship, this course does not have scheduled meeting times but students will be expected to meet with the professor on a regular basis as well as with the internship liaison.

Course Description: An experiential learning course which involves direct involvement on one or more data science projects with a community or industry partner. This 3-credit hour course is a partnership between the School of Data Science & Charlotte Athletics where undergraduate and graduate students . Once the semester starts, interns spend the entire semester reporting to the coaching staff of the sport they are interning with. Students can

work up to, but not exceed an average of 10 hours per week. Interns in the past have spent their time attending games, attending practices, breaking down game film, tracking data, working on remote projects, creating scouting reports & much more.

GRADING:

Grading Scale:

A	100 % to 90.0%
B	<90.0 % to 80.0%
C	<80.0 % to 70.0%
D	<70.0 % to 60.0%
F	<60.0 % to 0.0%

Grading Breakdown:

Here is the breakdown for the elements of this course by type , grade percentage and approximate due date.

Course Assessments

Progress Reports will be written updates on the work that you are doing as part of the internship. Reflection essays will be discussions of your journey and a summary of the progress you are making. Regular meetings will be roughly biweekly group in-person gatherings to discuss issues that you're facing. Your intern coordinator or team liaison will assign you a grade for your work with them. Each sport will present a poster of the work they have done this semester at a poster session.

Assessment	Grade Percentage	Approximate Due Date
Progress Report 1	5	9/6
Progress Report 2	5	9/27
Progress Report 3	5	10/18
Progress Report 4	5	11/15
Reflection Essay 1	15	10/11
Reflection Essay 2	15	12/6
Regular Meetings	20	Roughly bi-weekly
Intern Coordinator	15	None
Poster Presentation	15	Around December 1st

COURSE POLICIES

Syllabus Revision:

The instructor reserves the right to alter this syllabus based on best practices that fit changing circumstances. Notice of such changes will be by Canvas announcement or email notice.

Generative AI Permitted in this Course Only as Designated, with Attribution

In this course, students are permitted to use generative AI tools such as ChatGPT only for specific assignments, and only as designated by the instructor. To maintain academic integrity, students must disclose any AI-generated material they use and properly attribute it, including in-text citations, quotations, and references (see, for example, <https://apastyle.apa.org/blog/how-to-cite-chatgpt>). Be aware that students are responsible for any errors or information that is misrepresented or inaccurate (i.e. hallucinations) that generative AI tools produce when submitting work that includes AI-generated material. In addition, use of a generative AI tool that is not specifically authorized by the instructor may constitute a violation of the [Code of Student Academic Integrity](#).

Students should also include the following statement in their assignments to indicate use of a generative AI tool: “The author(s) acknowledges the use of [generative AI tool Name] in the preparation or completion of this assignment. The [generative AI tool Name] was used in the following way(s) in this assignment: [e.g., brainstorming, grammatical correction, citation, which portion of the assignment].”

Important Note on Data Protection and Privacy: When using generative AI tools, it is important to be aware that the data you supply might be used for training AI models or other purposes. Consequently, there is no guarantee that the information you provide will remain confidential. You should exercise caution and avoid sharing any sensitive or private information when using these tools. Examples of such information include personally identifiable information, protected health information, financial data, intellectual property, original research, and any other data that might otherwise be legally protected.

Non-Discrimination:

All students and the instructor are expected to engage with each other respectfully. Unwelcome conduct directed toward another person based upon that person’s actual or perceived race, actual or perceived gender, color, religion, age, national origin, ethnicity,

disability, or veteran status, or for any other reason, may constitute a violation of University Policy 406, The Code of Student Responsibility. Any student suspected of engaging in such conduct will be referred to the Office of Student Conduct.

Basic Needs:

UNC Charlotte defines basic needs as those needs that, when unmet, can hinder students' ability to focus on and successfully complete their academic studies. Basic needs include food security, housing security, transportation, health and wellbeing, technology and child care. Any student who experiences difficulty in one or more of these areas is urged to contact the Student Assistance and Support Services (SASS) Office for support with navigating campus and community resources. Students can also consult the Niner Needs website for a list of helpful resources designed to address student needs (<https://ninerneeds.charlotte.edu/>).

Preferred Gender Pronouns:

This course affirms people of all gender expressions and gender identities. If you prefer to be called a different name than what is indicated on the class roster, please let me know. Feel free to correct me on your preferred gender pronoun. If you have any questions or concerns, please do not hesitate to contact me.

Title IX:

UNC Charlotte is committed to providing an environment free of all forms of discrimination and sexual harassment, including sexual assault, domestic violence, dating violence, and stalking. If you (or someone you know) has experienced or experiences any of these incidents, know that you are not alone. UNC Charlotte has staff members trained to support you in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, helping with civil protective orders, and more. Please be aware that all UNC Charlotte employees, including faculty members, are expected to relay any information or reports of sexual misconduct they receive to the Title IX Coordinator. This means that if you tell me about a situation involving sexual harassment, sexual assault, dating violence, domestic violence, or stalking, I am expected to [report the information to the Title IX Coordinator](#). Although I am expected to report the situation, you will still have options about how your case will be handled, including whether or not you wish to pursue a formal complaint. Our goal is to make sure you are aware of the range of options available to you and have access to the resources you need.

If you wish to speak to someone confidentially, you can contact the following on-campus resources, who are not required to report the incident to the Title IX Coordinator: (1) University Counseling Center (counselingcenter.uncc.edu, 7-0311); or (2) Student Health

Center (studenthealth.uncc.edu, 7-7400). Additional information about your options is also available at titleix.uncc.edu under the “Students” tab.

Religious Accommodation:

Students who, acting in accordance with this Policy, miss classes, examinations or other assignments because of a religious practice or belief must be provided with a reasonable alternative opportunity to complete such academic responsibilities. It is the obligation of students to provide faculty with reasonable notice of the dates of religious observances on which they will be absent by submitting a [Request for Religious Accommodation Form](#) to their instructor prior to the census date for enrollment for a given semester. The census date for each semester (typically the tenth day of instruction) can be found in [UNC Charlotte’s academic calendar](#).

Student Grievances:

Student Grievances Students enrolled in courses at the University of North Carolina at Charlotte who would like to file a complaint regarding their experience may do the following: 1. Refer to the UNC Charlotte Student Grievance Procedure. Students may also contact UNC Charlotte’s regional accrediting agency, the Southern Association of Colleges and Schools Commission on Colleges. 2. Students residing outside of North Carolina while attending UNC Charlotte may file a complaint in their state of residence. As required by federal regulations, students are directed to the list of resources here, compiled and updated by the State Higher Education Executive Officers.

Withdrawals:

Students are expected to complete all courses for which they are registered at the close of the add/drop period. If you are concerned about your ability to succeed in this course, it is important to make an appointment to speak with me as soon as possible. The University policy on withdrawal allows students only a limited number of opportunities available to withdraw from courses. It is important for you to understand the financial and academic consequences that may result from course withdrawal.

Incompletes:

The grade of I is assigned at the discretion of the instructor when a student who is otherwise passing has not, due to circumstances beyond his/her control, completed all the work in the course. The missing work must be completed by the deadline specified by the instructor, and no later than 12 months. If the I is not removed during the specified time, a grade of F, U, or N, as appropriate is automatically assigned. The grade of I cannot be removed by enrolling again in the same course, and students should not re-enroll in a

course in which they have been assigned the grade of I. University policy addressing Incompletes.

FERPA Notification:

In establishing [University Policy 402, Student Education Records](#), UNC Charlotte adheres to a policy of compliance with the [Family Educational Rights and Privacy Act of 1974](#), also known as FERPA, a federal law that affords students the following rights with respect to their education records. For details, see the [FERPA Annual Notification](#) posted on the Office of Legal Affairs website. All questions concerning this FERPA Annual Notification may be directed to the attention of the [Office of the Registrar](#).

submission of the final paper; or (iii) require the cover page and first cited page of each reference source to be photocopied and submitted with the final paper.

STUDENT SUPPORT**Disability Support Services:**

Students in this course seeking accommodations to disabilities must first consult with the Office of Disability Services and follow the instructions of that office for obtaining accommodations.

The Office of Disability Services works with current undergraduate and graduate students along with prospective students to ensure equal access to UNC Charlotte's campus and educational programs.

All services are dependent upon verification of eligibility. Once approved for services, students receive accommodations which are based upon the nature of an individual's disability and documented needs. Students are strongly encouraged to register or check-in for their accommodations with a Disability Services counselor as soon as they have registered for classes. Accommodations are not retro-active and will not begin until the student notifies his or her faculty by providing the Letter of Accommodation. Please visit the Office of Disability Services at for additional resources, email questions to disability@uncc.edu, or call 704-687-0040 (tty/v) for more information.

Accessing Help/Mental Health Services:

Mental health concerns or stressful events may reduce a student's ability to participate in daily activities or diminish academic performance. Services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about

the broad range of confidential mental health services available on campus via the Counseling & Psychological Services (CAPS) website at caps.uncc.edu.

Student Support Services:

Be sure to take advantage of the wealth of resources and support available at UNC Charlotte. Some of the resources available to you include the University Writing Resource Center, University Counseling Center, and the J. Murrey Atkins Library.

- [University Center for Academic Excellent \(UCAE\) | \(704\) 687 7837 | uncc-ucae@uncc.edu](https://ucae.uncc.edu)
- [University Writing Resources Center \(WRC\) | 704-687-1899 | wrchelp@uncc.edu](https://wrchelp.uncc.edu)
- [Veteran Student Services | 704-687-5488 | veteranservice@uncc.edu](https://veteranservice.uncc.edu)
- [University Counseling Center | 704-687-0311](https://uncc.edu/counseling)
- [Multicultural Resource Center | 704-687-7121 | mrc@uncc.edu](https://mrc.uncc.edu)
- [List of computer labs on campus](#)
- [Atkins Library Laptop Lending program](#)

Food Insecurity:

Food insecurity is defined by the USDA as “a lack of access to enough food for an active, healthy life.” Food insecure categories include: reduced caloric intake, reduced food quality, lack of variety in diet, disrupted eating patterns, and hunger. Research shows that college students experience food insecurity at higher rates than the American household rate, and that food insecurity can negatively impact academic performance and persistence. In recognition of this problem, UNC Charlotte offers assistance to students facing food insecurity through an on- campus food pantry. The Jamil Niner Student Pantry (JNSP) is located on the east edge of campus at 1224 John Kirk Road. It has regular hours which may change from semester to semester; please see the website at <https://ninerpantry.uncc.edu/> for schedule and details on its services, as well as resources about hunger and food insecurity among college students.