School of Data Science
UNC CHARLOTTE

A MESSAGE TO
DATA SCIENCE NINERS
FROM THE SCHOOL OF DATA SCIENCE

Important
UPDATES

Note from Josh Hertel, the SDS Director

On behalf of all the Faculty and Staff, and the Student Council it is a pleasure to welcome you back to campus for the Fall 2021 semester. We are excited to present you with an upcoming mix of in person and virtual professional events that include the popular Wednesday Seminar Series, which allows to meet and and network with SDS business partners, alumni and other professionals and mentors.

In upcoming bimonthly issues we will post information on SDS and UNC Charlotte professional workshops and speaker panels developed to help you search for internships and jobs, sharpen your professional skills and navigate

from the academic world to the professional world of work. The newsletter will list internship and job opportunities, as well as research and fellowship opportunities.

The newsletter will keep you in the know about the fun and engaging social events that the Student Council members have been planning all summer. These student leaders volunteer their time on your behalf. Their servant-leadership experience is a skill that the best companies value and are looking for in their new hires, so if you have time to volunteer contact one of the board members with an event idea you would like to champion or volunteer to help with an upcoming student council sponsored event. Your own experience can help you build your professional servant-leadership portfolio which will set-you apart from others, but most importantly you will meet new people and make life-long friends.

Finally, the newsletter will remind you about critical milestones and dates to keep you on track to graduate.

Again Welcome, have a safe and exciting fall semester!

SDS WEDNESDAY SEMINAR SERIES

Tonight's (9/1/21) Creating Your Personal Brand is Canceled and will be Rescheduled

Spring Internship Panel: Preparing for the Internship: DSBA and HIA Students

Wednesday, September 8, 2021 | 4:00pm - 5:00 pm
The focus of this virtual panel is identifying and securing a spring 2022 internship placement. Dr. Hague and Dr. Odum will present on do's and don't of the internship proposal process along with students who will share their tips for success on locating and securing an internship.

Learn More and Register

SOARing to New Heights with TIAA

Wednesday, September 22, 2021 | 4:00pm - 5:00 pm
Phishing is one of the largest issues Cybersecurity professionals face today. Spend an hour with two Data Scientists as they discuss how machine learning was applied to create an email phishing classifiication tool..

Learn More and Register

TO READ THE ENTIRE NEWSLETTERClick "View entire message" At the bottom of this email for more upcoming events and September job opportunities!

Question Regarding Your Fall Tuition Bill?

As many of you know, graduate students enrolled in the DSBA and HIA programs are charged a special School-Based Tuition Increment (SBTI). This is an additional per-term assessment based on the number of enrolled credit hours each semester. In the past, **Early Entry students** had this fee automatically waived while they were classified as undergraduates. **Students dually enrolled in the Certificate and MS program** were only charged the SBTI once. Over the summer there was a change in how these fees are coded. As a result, **some students may have a double charge for increments if they are enrolled in more than one academic program**. You should only have one charge for the tuition increment. We requested the first round of waivers in late July. ***PLEASE CHECK YOUR BILL FOR ERRORS***. If you feel that there is an error, please contact Student Accounts first to confirm the error. Once confirmed, you can contact the Director, Josh Hertel to request a new waiver.

Graduate students enrolled in **dual-degree programs are initially billed tuition increments for both programs**. However, SDS and our partner programs have agreed to waive one of the increments per term. **Students are responsible for contacting the appropriate program to request a waiver for one of the tuition increments each semester**, ideally at the time of registration.

After we forward the waiver request to student accounts, the charges for both increments will remain on the student's account until the add/drop deadline has passed, but the student's registration will not be dropped for nonpayment of the waived amount.

Fall 2021 Internships: DSBA and HIA Students

If you are still ***actively seeking a fall 2021 internship*** please fill out the internship form and upload a current resume **HERE**. We will share your

information with potential employers as they contact us.

You will need authorization to register for the internship courses (HCIP 6400 or DSBA 6400). We cannot issue authorizations until your project proposal is reviewed and approved by the faculty. Ideally, proposals for fall internships should be submitted by Monday, August 9th, two weeks prior to the start of classes. The final deadline to register for the fall internship course is drop/add- Monday, August 30th.

Requirements for the internship can be found on their respective websites under the *Curriculum* tabs:

Data Science and Business Analytics Internship

Health Informatics and Analytics Internship

Fall 2021 Graduation Application Deadline: HIA and DSBA

All students (Master's or Certificate) who plan to graduate this fall must apply for graduation by no later than **Wednesday, September 22, 2021**.

To be eligible to apply for graduation students:
1. Must be enrolled during the Fall 2021 term.
2. Complete the online graduation application by the deadline (Wednesday, September 22, 2021).
3. Be on track to complete all the course requirements for your academic program by the end of the Fall 2021 term.

More information on the DSBA process can be found HERE.
More information on the HIA process can be found HERE.

Career Center Offers Free Professional Headshots for Faculty and Students

Give your professional image a boost on LinkedIn with a headshot. Having a professional headshot gives strength to your personal brand. There's no charge for the headshot program, and it is open to all current UNC Charlotte students, faculty/staff, and alumni.

Learn More Here

SDS Bootcamps Fall 2021

SDS has three Boot Camps: Python, Statistics, and Introduction to R

Registration for the fall semester SDS Boot Camps is now open to students. These training modules are open to all students actively enrolled in the DSBA or HIA programs. These online courses were **created as a free resource for students**. They are intended to be utilized as introductory or foundational review tools.

More information about the courses can be found here:

SDS Bootcamps

Students currently enrolled in the Fall 2021 sections must complete the bootcamp by Tuesday, December 7, 2021.

Student Council News

Mentorship Program:
We are so excited to be launching the Student Council Mentorship Program this semester. This program is a way to build meaningful connections amongst your fellow students and help guide students through a new journey.
Mentor Form:
https://forms.gle/nemsHp6iwmYvngwR9
Mentee Form:
https://forms.gle/VDU1VoiXJvsQMAJy9
Upcoming Events:
- Elections - September 1st- 3rd
    - Voting Form: https://forms.gle/doDTMhBbjZZPGMXi9
- Mentor Meet-up- September 24 (2 pm) Location: TBD
- Tailgate- November 6th (3:30 pm) Location: TBD

More About the Student Council

Focus on Academic Integrity

According to the Student Conduct and Academic Integrity office, there has

been a steep increase in academic integrity violations, in particular, cheating and plagiarism, since moving to a virtual learning environment.

On one hand, the increase may be attributed to the ease of cheating in an online testing environment and easy access to unauthorized materials. On the other hand, the increase may have been due to the technology that detects suspicious cases, such as test monitoring software or automated plagiarism checking tools.
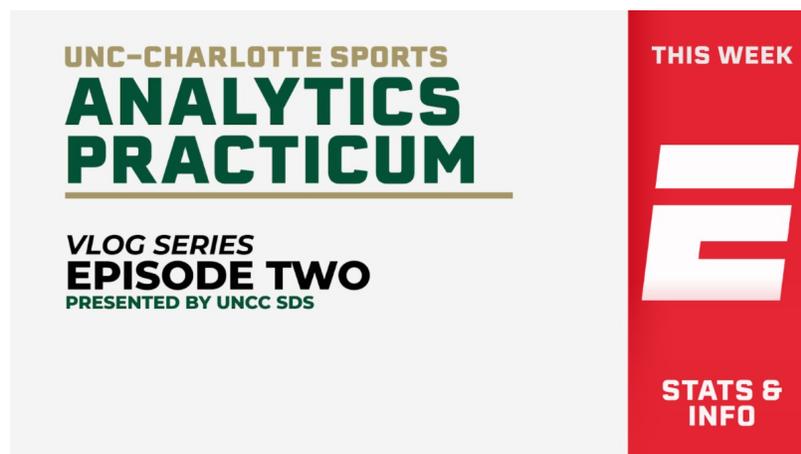
But, it could be partly true that students' unawareness of the code of student conduct played a role. Hence, you are encouraged to check out the university policies and procedures available at https://scai.uncc.edu/academic-integrity in order to avoid unintended violations and consequences.

It is also important to note that increased stress during the pandemic may have been a contributing factor. The university has great support services, such as free counseling, and you can find more information about these services at (click on resources):

- Center for Counseling and Psychology Services
- Writing Resources Center
- University Center for Academic Excellence (Undergraduate resource)

SDS In The

NEWS

Sports Analytics Summer Practicums

UNC-CHARLOTTE SPORTS
ANALYTICS PRACTICUM

VLOG SERIES
EPISODE TWO
PRESENTED BY UNCC SDS

THIS WEEK

STATS &
INFO

This summer student's in John Tobias' Sports Analytics course partner with several local teams and ESPN gaining valuable "on-the-field" experience. You

can watch the students as they work with the Carolina Panthers and ESPN.

Mark Your
CALENDAR

Atkins Library Grad Student Open House

September 1, 2021 - 4:00 PM to 5:00 PM
Atkins Library, Area 49 (2nd floor)
The first of three events! Join us on Wednesday, September 1, from 4:00 to 5:00 pm on the second floor of Atkins Library at Area 49 for a welcome and introduction to the Atkins Library world.
In the following weeks, there will be two virtual meetings:the Atkins Library RAS Workshop and the Atkins Library Area 49 Workshop that will help you to understand the infinite opportunities that Space 49 offers to our students.

UNC Charlotte Fall Career Fair

Fall 2021: Friday, September 17th, 11:00am - 3:00pm
UNC Charlotte's fall career fair is focused on a wide range of full-time jobs and internships; open to all majors and all class levels (UNC Charlotte students & alumni). 120+ employers and grad programs offering full-time jobs, internships, and co-ops. Attendees include Fortune 100 companies, nonprofits, government agencies, and local businesses. FREE FOR STUDENTS!

Learn More Here

Virtual Summit for Women in Tech:
Ignite Change

September 23-24, 2021
The Summit will be live on the mornings of September 23-24 featuring a dynamic lineup of keynote speakers that include:

Madhu Beriwal, President + CEO of IEM
Sue Harnett, Founder + President of Rewriting the Code
Theresa Payton, President + CEO of Fortalice Solutions, First-ever woman White House CIO
Jessica Rosenworcel, Acting Chairwoman of the Federal Communications Commission (FCC)

There will also be panel discussions, Motivational Moments and more.

Learn More Here

Free Tableau Conference- November 9-12, 2021

Tableau Conference is a global, interactive event that unites the world's largest data community. Learn from analytics peers and product experts. For more information and to register visit the conference site:

Register Here

Hire-A-Niner: Job and Internship Resources

The Career Center has developed a special aggregating tool for Data Science students looking for internships or full-time placements. **All postings in Hire-a-Niner that mention analytics or data science can be found with one click**. There are a few odd postings, but in the main, there is a rich stream of HIA, DSBA, and DS postings to be found.

Bookmark the Site Today!

Atrium Health - Senior Clinical Data Analyst

The Department of Surgery at Atrium Health is hiring for a Senior Clinical Data Analyst.

Our team provides traditional statistical support for surgical research, as well as analytics approaches to solving problems in surgery to include predictive modeling, and machine and deep learning methods. The ideal candidate is creative, understands clinical data analysis and data querying concepts, and can effectively communicate results to lay audiences. **We are willing to train the right candidate in ML/DL**

Apply Here

Presidential Management Fellows (PMF) Class of 2022 Application Cycle

The Presidential Management Fellows (PMF) Program is administered by the U.S. Office of Personnel Management (OPM). The PMF Program is a leadership development program at the entry-level for advanced degree candidates in STEM fields. As such, students in the DSBA and HIA PSM programs are well-positioned to apply for this program. The Program attracts and selects the best candidates possible, but is really designed with a more narrow focus - developing a cadre of potential government leaders. It provides some sustenance during the first years of employment and encourages the development of leadership capabilities. The PMF Program inculcates a lasting bond as well as a spirit of public service, ultimately encouraging and leading to a career in the government.

The PMF Program Office has announced the dates for the upcoming PMF Class of 2022 Application:

- **OPENS-** Tuesday, **September 28**, 12:00 pm (EST)
- **CLOSES-** Tuesday, **October 12, 2021**, 12:00 pm (EST).

These dates have been posted here: https://www.pmf.gov/become-a-pmf/2022-application/. PMF Class of 2022 Finalists will be announced

approximately six weeks after the application closes. Please monitor the webpage for updates.

For the 2022 PMF application cycle, a revised assessment has been introduced to improve the process in a variety of areas including addressing concerns around equity. PMF is also **enhancing recruiting efforts with greater outreach to diverse communities**, including expansion of their engagement with Minority Serving Institutions, enhanced recruitment through the alumni network, and use of strategic recruitment platforms.

The updated "PMF Applicant Handbook" is posted on the PMF website. The **Handbook details** the annual application process, explains eligibility requirements, required documentation, and provides an overview of the online assessment process, all with the goal of preparing prospective applicants to submit successful applications.

Research Opportunities with the Centers for Disease Control and Prevention (CDC)

Zoonotic and Emerging Diseases Fellowship **NEW!**
CDC | Atlanta, GA | Full-Time | DEADLINE: October 1, 2021
Data Analysis and Evaluation Fellowship **NEW!**
CDC | Atlanta, GA | Full-Time | DEADLINE: September 30, 2021
Health Informatics, Statistics and Ecology Fellowship **NEW!**
CDC | San Juan, Puerto Rico | Full-Time | DEADLINE: September 29, 2021
Tobacco Laboratory Statistics Fellowship **NEW!**
CDC | Atlanta, GA | Full-Time | DEADLINE: Open until filled
Bioinformatics Fellowship **NEW!**
CDC | Atlanta, GA | Full-Time | DEADLINE: Open until filled

VIEW ALL OF OUR CURRENT OPPORTUNITIES

The Centers for Disease Control and Prevention (CDC) Research Participation Program is managed by the Oak Ridge Institute for Science and Education (ORISE) under an agreement between the CDC and the U.S. Department of Energy (DOE). The CDC collaborates to create the expertise, information, and tools that people and communities need to protect their health – through health promotion; prevention of disease, injury and disability; and preparedness for new health threats. The CDC ORISE programs are considered a valuable human capital and workforce development tool, which provide educational experiences and training in public health as a means to introduce highly motivated participants to potential public health careers.

Atrium Health- Data & Research Analyst Community and Social Impact (Job ID: 11160)

Job Summary: Provides data collection, management, analytics, and visualization support as a key capability and shared service for the Division of Community & Social Impact under the leadership of the Director of Impact Evaluation in the Dept. Community Health.

Apply Here

BESTNC - Research & Policy Analyst Position

Since our founding in 2013, BEST NC has quickly established itself as a powerful voice for education in North Carolina. We have built a small but top-notch team working on state-level advocacy and strategic communications; an influential and committed board; and membership from over 100 top business executives across the state.

As an essential member of our team, the Research & Policy Analyst plays a key role in developing and supporting our education research, policy and program priorities, and communications strategy. The Research & Policy Analyst **will lead quantitative and qualitative analyses, oversee data collection efforts, and assist in the production of relevant communications, reports, and presentations.**

The Research & Policy Analyst will report to and work in close collaboration with the Vice President of Policy & Engagement. This position offers the right candidate the opportunity to be a part of a powerful voice for student success and education transformation at a pivotal time in North Carolina's history.

TO APPLY Send resume and cover letter to info@BESTNC.org with the subject line "Research & Policy Analyst"

Truist - Quantitative Model Validation Officer

The Model Risk Management group, in Risk Management Organization (RMO), **has an immediate need for a Quantitative Model Validation Officer**. This role, under the general supervision of the Senior Model Validation Officer, will **perform advanced level model validation for the corporation**. Responsible for providing model risk oversight and independent challenge, via model validation, to the business initiatives in support of CCAR/CECL, retail credit portfolio management, account management and collections, and underwriting. Focus primarily on model validation and quantitative analysis, but also evaluate other model controls and serve as a resource for the corporation in all model risk management related tasks.

Apply Here

SHEEO Job Posting: Policy Analyst

The State Higher Education Executive Officers Association (SHEEO) seeks a talented professional to **support our efforts to develop state data and information resources and to provide technical assistance and professional development to SHEEO agency researchers and policy analysts.** The ideal candidate for this position will be enthusiastic about working with higher education data, understand how data can inform policy and practice, and use this enthusiasm and knowledge to inform our members and the community about current practices and future trends in public higher education.

Applications will be accepted until the position is filled, but full consideration will be given to those received by **September 17, 2021**. This position is based in **Washington, D.C.** SHEEO is committed to providing equal employment opportunities and believes that recruiting and developing a diverse and inclusive staff is vital to the success of the organization.

Apply Here

DegreeWorks Audit: On Track To Graduate?

DegreeWorks is a web-based planning tool that provides an accurate display of required coursework and **helps students monitor their progress towards graduation**. Students can access their real-time audit in DegreeWorks via my.uncc.edu and should **routinely check their progress towards degree completion.**
For any required **courses that are in the Fall Through or Not Counted sections** of DegreeWorks **submit an Academic Petition** that requests the courses be counted towards your program requirements.
If you believe your audit contains errors or the requirements do not match the catalog, students should contact:
Josh Hertel: jhertel@uncc.edu
Brenda Bradrick: bbradric@uncc.edu

If you began in the Certificate program and transferred to the Master's program
Please review your DegreeWorks for **both your certificate and master's program and complete an application to graduate from both programs.**

News for International Students

The ISSO wanted us to share a reminder for students on F-1 visas. The U.S. Student and Exchange Visitor Program (SEVP) provided some exceptions to the traditional F-1 regulatory requirements. **F-1 students NEW to the U.S. for Fall-2021 must enroll in at least ONE hybrid or in-person class. Details can be found in the chart below.**

F-1 Student Fall-2021 Enrollment Requirements Chart

	Newly admitted F-1 students ENTERING the U.S. for fall 2021	Newly admitted F-1 students studying online OUTSIDE the U.S. for fall 2021	CONTINUING F-1 students from spring 2021 to fall 2021
Enrollment Requirements	Register full-time with at least 1 hybrid or in-person class. • Undergraduate - minimum of 12 credits. • Graduate - minimum of 9 credits	Students should enroll in ONLINE classes only. Students may enroll in as few or as many online classes as their academic department allows. *semesters spent studying online before entering the U.S. do not count toward the 2 semester CPT and OPT employment requirements	Register full-time or be approved for a Reduced Course Load • Undergraduate - minimum of 12 credits. • Graduate - minimum of 9 credits, or a full-time finishing course. Continuing students may take up to 100% of their classes online.
Location of fall 2021 studies	To justify entering the U.S., students must confirm that they are enrolled in at least 1 in-person or hybrid class.	Students may study online from anywhere in the world EXCEPT in countries under a U.S. embargo, including Iran.	If students are taking online classes only, they may maintain their F-1 status while studying anywhere in the world (inside or outside the U.S.) Students taking in-person or hybrid classes should be in the U.S. (preferably in Charlotte) so that they can fulfill the in-person requirements. *students must maintain their "Local Address" in Banner for immigration reporting requirements. *graduating students must mail their OPT application from within the U.S.
Last date to enter the U.S.	The ISSO will support new students' late arrival up to Aug 28th.	N/A	It is up to the student to return to the U.S. in time to fulfill in-person class requirements.
Last day to Add/Drop classes without a grade	Aug 30, 11:59 pm *Students will be charged tuition and health insurance if they are enrolled in classes, even if they forget to drop classes and never enter the U.S.		
Deadline to Waive or Purchase Health insurance ($1309)	September 10th	September 10th *Students remaining outside the U.S. may be exempt from the health insurance requirement. Students should email myinsurance@uncc.edu and explain that they will study online outside the U.S. for fall 2021 semester. *If continuing F-1 students enter before the fall semester insurance starts, they are responsible for obtaining personal health insurance to cover the gap.	

Graduate Student Facebook Group

School of Data Science
UNC CHARLOTTE