

“Data Scientists and Analysts serve a critical role in the larger effort to improve quality of care while reducing cost. Having knowledge of programming, statistics, and healthcare data, they are in a unique position to bring an idea to fruition using industry-tested data-driven methods. Whether it is the development of an internal algorithm to improve operational efficiency, the estimation of supply chain shortages, or the quantification of risk for an adverse event within an inpatient stay, the Data Scientist is a much-needed role within any healthcare organization.”



MICHAEL KORVINK
Principal Data Scientist
Premier Inc.

STUDENT SNAPSHOT

93%

OF DATA SCIENTISTS
HOLD GRADUATE
DEGREES



\$85,300 MEDIAN
BASE SALARY FOR
ENTRY LEVEL DATA
SCIENTISTS

*According to The Burtch Works Study, 2022

Your future can be found at the intersection of data and health analytics.

EMAIL US AT:

✉ healthinformatics@uncc.edu

FIND US ON SOCIAL MEDIA:

📷 @CLTDataScience

📺 /CLTDataScience

🌐 /school/unc-charlotte-school-of-data-science



ADMISSIONS

Apply Today

THE SCHOOL OF DATA SCIENCE AT UNC CHARLOTTE

The School of Data Science (SDS) at UNC Charlotte is an industry-university partnership, led by the College of Liberal Arts and Sciences, the Belk College of Business, the College of Health and Human Services, the College of Computing and Informatics, and the William States Lee College of Engineering.

ABOUT UNC CHARLOTTE

UNC Charlotte is North Carolina's urban research university. It is the third-largest campus among 17 institutions of The University of North Carolina system, and the largest institution of higher education in the Charlotte region. Annual enrollment exceeds 30,000 students, including more than 6,000 graduate students.



Colvard building, Suite 1028
9105 University Road, Charlotte, NC 28223

HEALTH INFORMATICS & ANALYTICS

GRADUATE PROGRAMS AT UNC CHARLOTTE





Healthcare is changing
and so are the skills
needed to succeed.

HEALTH INFORMATICS AND ANALYTICS

Massive streams of data from electronic health care records and wearable health devices are creating a digital flood of information, remaking the world of healthcare. The healthcare industry, challenged to transform this torrent of data into real-time insights, has turned to health informatics professionals to identify risks, efficiencies, and best practices, and to develop effective strategies to improve the overall health of our population.



ADVANCE YOUR CAREER AND SOCIETY

The Health Informatics and Analytics program sits at the intersection of data science, clinical science and public health. UNC Charlotte's graduate program was designed in collaboration with industry and academic leaders in the field, with the purpose of transforming the quality and efficiency of healthcare through data. Our curricula provide students with the skills and knowledge to analyze and transform data into actionable intelligence in the pursuit of a healthier society.



"I selected UNC Charlotte's Health Informatics program [because it] combines a robust curriculum in conjunction with applied learning (via the internship and experiential capstone courses) which set me up for success. This unique, dynamic, and passionate community has the insights to the new digital age."

CYNTHIYA RUBAN '15

MANAGER, GLOBAL HEALTH ECONOMICS &
OUTCOMES RESEARCH, XCENDA, LLC

PROGRAMS FOR WORKING PROFESSIONALS

Our graduate programs are open to individuals with health or computing backgrounds and provide:

- ▶ Flexibility for working professionals: classes offered in the evenings and online; full- and part-time pathways to completion.
- ▶ A certificate program offered online or face-to-face.
- ▶ Hands-on industry practica and/or project based capstone.

THE GRADUATE CERTIFICATE IN HEALTH INFORMATICS AND ANALYTICS

15 CREDIT HOURS (ONLINE OR IN-PERSON)

The graduate certificate is comprised of the same five core courses as the M.S HSO Concentration, building foundational competencies in health data analytics. The certificate is designed to be a stand-alone credential or as a starting point for the M.S. All credit hours can be applied toward the requirements for the master's degree.

THE MASTER'S DEGREE IN HEALTH INFORMATICS AND ANALYTICS

36 CREDIT HOURS

Students in the M.S. degree program pursue cutting-edge research while developing practical business skills highly valued by employers. UNC Charlotte's program is distinguished by a focus on applied research within healthcare and industry internships. This program offers two distinct concentrations:

HEALTH SERVICES OUTCOMES (HSO) CONCENTRATION

Provides students with clinical and health-related backgrounds the opportunity to transition into studying health informatics and analytics.

DATA SCIENCE (DS) CONCENTRATION

Provides students with computer science and STEM backgrounds the opportunity to enhance data science skills and better understand healthcare challenges.

GRE WAIVERS AVAILABLE!