

“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
PINC AI Thought Leadership
Premier Inc.

STUDENT SNAPSHOT



80%
OF DATA
SCIENTISTS
HOLD GRADUATE
DEGREES



\$95,250
MEDIAN SALARY
ENTRY-LEVEL DATA SCIENTIST
MASTER'S DEGREE

*According to Burtch Works Data & AI
Professionals Salary Report, Spring 2024

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

EMAIL US AT:

✉ healthinformatics@charlotte.edu

FIND US ON SOCIAL MEDIA:

📷 [@CLTdatascience](https://www.instagram.com/CLTdatascience)

🌐 [/school/unc-charlotte-school-of-data-science](https://www.linkedin.com/school/unc-charlotte-school-of-data-science)



ADMISSIONS

APPLY TODAY:
hia.charlotte.edu

THE SCHOOL OF DATA SCIENCE AT UNC CHARLOTTE

The innovative academic program of Charlotte's School of Data Science (SDS) is rooted in applied research and longstanding community and industry partnerships. SDS is an interdisciplinary campus collaboration that incorporates cutting-edge research and expertise from several colleges at Charlotte, offering Certificate, Bachelor's, Masters, and Ph.D programs.

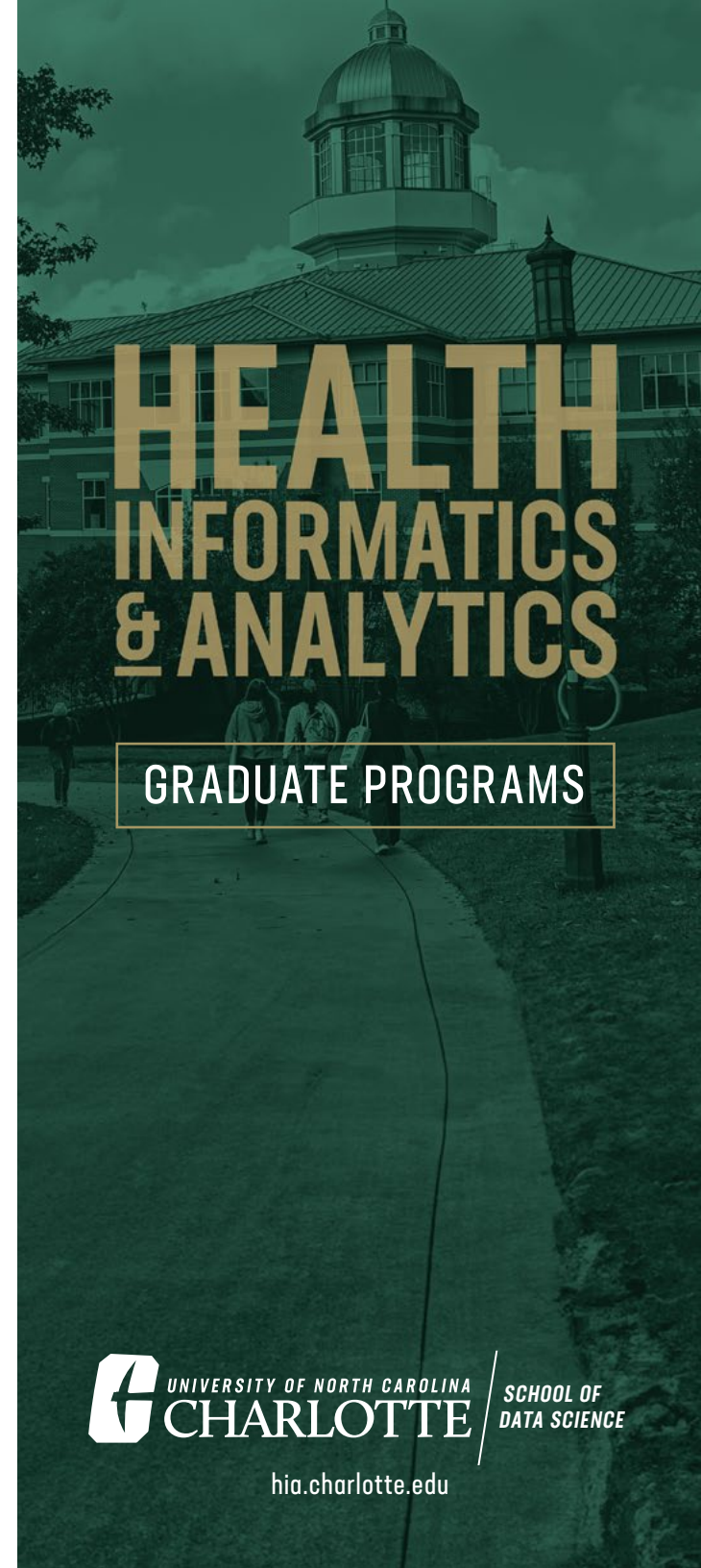
ABOUT CHARLOTTE

Charlotte is North Carolina's urban research university, one of the 17 institutions in The University of North Carolina system, and the largest institution of higher education in the Charlotte region. Annual enrollment is over 31,000 students, including more than 6,000 graduate students.



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

1,000 copies of this brochure were printed at a cost of 39¢ each. 3/2025.

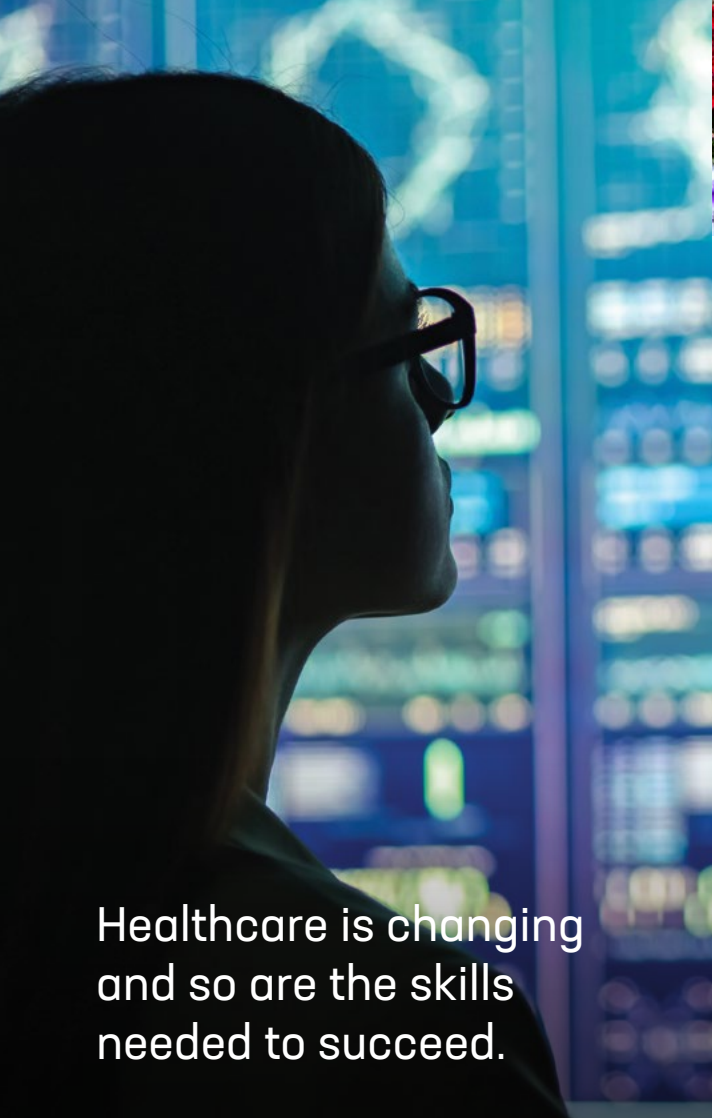


HEALTH INFORMATICS & ANALYTICS

GRADUATE PROGRAMS



hia.charlotte.edu



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 leverages data and technology to improve patient outcomes. Graduate programs at Charlotte were 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 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
DIRECTOR OF DIGITAL SOLUTIONS,
CENCORA

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 for full- and part-time students.
- ▶ Hands-on industry practicum and/or project-based capstone.

THE GRADUATE CERTIFICATE IN HEALTH INFORMATICS AND ANALYTICS

15 CREDIT HOURS (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. Charlotte’s program is distinguished by a focus on applied research within healthcare and industry internships.

- ▶ **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!