



Master of Science in Healthcare Management and Analytics*

*pending state approval

Business + analytics + operational excellence = New advantages for healthcare

The **Master of Science degree in Healthcare Management and Analytics*** is a 36 credit-hour degree program designed to prepare professionals with business knowledge and analytical skills to spearhead operational excellence for organizations in the healthcare delivery systems and their extended supply chains.

The program customizes business-oriented and practice-based MBA curriculum and offers both the management track for healthcare professionals pursuing leadership positions and the analytics track for applicants who are interested in applying descriptive and predictive analytics to inform decision making. It prepares business leaders who can help care providers achieve operational excellence in a rapidly changing environment through quality improvement, cost reduction and patient experience management.

With increasing challenges of surging costs, growing competition, and stringent regulation, the healthcare industry is in need of leaders who not only understand healthcare context but also are capable of utilizing analytical skill sets to lead a new path for operational excellence.

business.rutgers.edu/healthcare-management-analytics

Curriculum

The **Master of Science in Healthcare Management and Analytics** curriculum comprises 36 credits and can be taken on a full-time or part-time basis or fast-tracked to finish in just one year. Hybrid in-person and online courses and evening classes allow greater flexibility for busy schedules. The program blends qualitative and quantitative skills in its core curriculum, and builds graduate level business acumen in finance, accounting, marketing, IT, and legal issues, all tailored towards healthcare around the core.



Faculty Profile: Xin (David) Ding



Professor Ding is an Assistant Professor in the Supply Chain Management Department and the Director of the M.S. in Healthcare Management and Analytics program. His research and teaching

experiences include cost efficiency, quality improvement, patient experience, and patient safety. He has worked on research projects with Centers for Medicare and Medicaid Services, Agency for Healthcare Research and Quality, and Florida Hospital Association.

Program Highlights

- Learn data analytics so its meaningful – in the context of health care.
- Principles of value-based care are built into every course.
- Maximize operational analysis knowledge with business leadership skills
- Gain hands-on learning experience with actual healthcare providers
- Take classes online or in person; earn up to six credits for work experience.



One Program, Two Tracks

Healthcare Core:

- Healthcare finance
- Healthcare marketing
- Healthcare technology/IT systems
- Healthcare services management
- Healthcare law and ethics

Business & Analytics Core:

- Accounting for managers
- Valuation of new business ventures
- Data analytics and decision making
- Operations Analysis

Management Track*:

For health professionals inspired to be future leaders of healthcare organizations

- Management skills
- Global procurement and supply chain management
- Project management
- Management consulting

Analytics Track*:

For data savvy professionals inspired to address issues through data analytics

- Analytics programming
- Healthcare analytics
- Global procurement and supply chain management
- Lean Six Sigma
- Business intelligence

*Each track consists of 6 credits selected from above courses

Admissions

Professionals will benefit from a variety of healthcare delivery sector organizations. It is designed for individuals interested in managerial or executive careers in healthcare services organizations (hospitals, clinics, long term care providers, etc.), healthcare consulting firms, and companies in the extended healthcare supply chains.

Program Quick Facts

Program: Full-time | Part-time

Credits: 36 credits

Application Deadlines: Spring: Dec. 1 | Fall: Aug. 15

GRE or GMAT: Requests for GMAT/GRE waivers will be considered by the program director on a case by case basis.

Course waiver: Up to six credits can be waived based on prior graduate level course work or at least 5 years' related working experience.

Program Cost (Estimate based on 2018/2019):

Full Time: (12 credits/semester)

\$14,855 (NJ Resident/semester)

\$24,764.70 (Out of state/semester)

Part Time:

\$1,680.50 per credit (NJ Resident)

How to Apply

Apply online:

business.rutgers.edu/healthcare-services-management/admissions

Please visit business.rutgers.edu to learn about upcoming information sessions and open houses.

Contact

Phone: 973-353-1234

Email: admit@business.rutgers.edu

"I chose this program because Rutgers is a top leading business school, and this program not only combined hospital management, but incorporates the whole healthcare sector."

– Dr. Ahmar Mehmood,
NY Interventional Spine & Pain Medicine

