Naveen Jindal School of Management

Master of Science in Healthcare Management

36 semester credit hours minimum

Faculty

Associate Professors: Norris Bruce, Zhonglan Dai, J. Richard Harrison, Surya N. Janakiraman, Nanda Kumar, Seung-Hyun Lee, Lívia Markóczy, Toyah Miller, Valery Polkovnichenko, Orlando C. Richard, Gil Sadka, Jane Salk, Kelsey D. Wei, Jun Xia, Yexiao Xu
Clinical Associate Professors: Sonia Leach, Carolyn Reichert, John McClain Watson
Assistant Professors: Emily Choi, Sheen Levine, Ningzhong Li, Virginie Lopez-Kidwell, Arzu Ozoguz, Gonca P. Soysal, Malcolm Wardlaw, Jieying Zhang
Clinical Assistant Professor: Vance Lewis
Senior Lecturers: Daniel Bochsler, Monica E. Brussolo, Carol Flannery, Maria Hasenhuttl, Thomas (Tom) Henderson, Jeffery (Jeff) Hicks, Jackie Kimzey, Kristen Lawson, Michele Lockhart, Victoria D. McCrady, Diane S. McNulty, Madison Pedigo, Avanti P. Sethi, Jeanne Sluder, Margaret Smallwood, Robert Wright, Hubert Zydorek

Degree Requirements

The Master of Science in Healthcare Management prepares students for roles in the leadership and management of the U.S. healthcare industry. It integrates a thorough grounding in advanced business management theory and practice with an understanding of the structure, operation, and financing of the U.S. healthcare system. The curriculum is customized to accommodate the needs of two different audiences:

Professional Track - for healthcare administrators and those desiring a management career in the healthcare industry; and

Executive Track - for physicians and senior healthcare executives.

Professional Track

The Professional Track MS in Healthcare Management is a 36 semester credit hour program consisting of business core, healthcare management courses, and electives. Students must maintain a 3.0 grade point average in both core courses and in aggregate courses to qualify for the MS degree.

Required Business Core: 15 semester credit hours

OB 6301 Organizational Behavior
FIN 6301 Financial Management
ACCT 6305 Accounting for Managers
MKT 6301 Marketing Management
OPRE 6301 Quantitative Introduction to Risk and Uncertainty in Business

Healthcare Management Core: 18 semester credit hours
The following four courses are required:

- HMG 6320 The American Healthcare System
- HMG 6321 Strategic Leadership of Healthcare Organizations
- HMG 6323 Healthcare Informatics
- HMG 6330 Healthcare Law, Policy and Regulation

Choose at least 6 semester credit hours from the following:

- HMG 6322 Healthcare Cost Management and Control
- HMG 6324 Healthcare Negotiation and Dispute Resolution
- HMG 6325 Healthcare Operations Management
- HMG 6327 Information and Knowledge Management in Healthcare
- HMG 6329 Seminar in Healthcare Management
- HMG 6331 Healthcare Economics
- HMG 6332 Quality Improvement in Healthcare: Six Sigma and Beyond
- HMG 6333 Ethics in Healthcare Management
- HMG 6334 Healthcare Analytics
  - or MIS 6324 Business Intelligence Software and Techniques
- HMG 6340 Principles of Hospital Administration
- HMG 6380 Internal Audit
- HMG 6382 Advanced Internal Auditing
- HMG 6336 Information Technology Audit and Risk Management
- OB 6307 Strategic Human Resources Management
- OB 6331 Power and Politics in Organizations
- MKT 6309 Marketing Research
- OB 6321 Principles of Leadership

Other Electives: 3 semester credit hours
The 3 semester credit hour Business Management elective requirement may be met by additional healthcare courses as well as by advanced courses in other management disciplines. Suggested elective concentrations:
Healthcare Informatics
For students desiring a strong background in the application of IT in the healthcare field.

- **HMGT 6323** Healthcare Informatics (core course)
- **HMGT 6327** Information and Knowledge Management in Healthcare
- **HMGT 6334** Healthcare Analytics
  - or **MIS 6324** Business Intelligence Software and Techniques

Students completing **HMGT 6323**, **HMGT 6334**, and **HMGT 6327** will qualify for a Graduate Certificate in Healthcare Information Technology.

Healthcare Internal Auditing
For students with a desire for an internal auditing career with a healthcare provider organization

- **HMGT 6380** Internal Audit
- **HMGT 6382** Advanced Internal Auditing
- **HMGT 6336** Information Technology Audit and Risk Management

Healthcare Operations
For students desiring a broad-based background in management of healthcare organizations

- **HMGT 6325** Healthcare Operations Management
- **HMGT 6332** Quality Improvement in Healthcare: Six Sigma and Beyond
- **HMGT 6322** Healthcare Cost Management and Control
  - or **HMGT 6334** Healthcare Analytics

Executive Track
The Executive Track for physicians is delivered in a non-semester format. The 36 semester credit hour curriculum consists of nine 4-day residential classes. A different class is offered every two months and classes may be started at any time and taken in any order. The program is jointly taught by faculty from UT Dallas Naveen Jindal School of Management and The University of Texas Southwestern Medical Center. Eight classes are eligible for up to 36 semester credit hours each of Category 1 CME credit toward the AMA Physician's Recognition Award and CEU credit for healthcare executives. Successful completion of any five classes is recognized by the award of a Graduate Certificate in Healthcare Management. Completion of the nine healthcare management classes OR any eight classes plus a self-directed field study is recognized by the award of a Master of Science in Healthcare Management. Students must maintain a 3.0 overall grade point average in order to qualify for the MS degree.

The Executive Track MS in Healthcare Management is supported entirely by participant fees and special admission requirements apply. The class is open only to physicians with a current license to practice medicine in the U.S.
Certificate Programs - Lean Six Sigma in Healthcare Quality

Lean Six Sigma Yellow Belt in Healthcare Quality Certificate

Lean Six Sigma is a framework used in improving quality by focusing on re-engineering the processes involved in delivering a product or service. The Six Sigma concept was introduced in the mid-1980s to improve manufacturing processes and it has evolved over many decades. Lean Six Sigma has become popular in the service sector and increasingly being applied to improve the quality of healthcare processes and reducing the overall cost.

Faculty

Clinical Professor: Divakar Rajamani

Requirements

Students enrolled in the Master of Science in Healthcare Management program or any other graduate programs have the opportunity to earn a Yellow Belt in Healthcare Lean Six Sigma by completing the following four course with a grade of B or higher. Please contact Dr. Kannan Ramanathan for more information.

- HMGT 6320 The American Healthcare System
- HMGT 6321 Strategic Management of Healthcare Organizations
- HMGT 6323 Healthcare Informatics
- HMGT 6332 Quality Improvement in Healthcare: Six Sigma and Beyond

Lean Six Sigma Green Belt in Healthcare Quality Certificate

Lean Six Sigma is a framework used in improving quality by focusing on re-engineering the processes involved in delivering a product or service. The Six Sigma concept was introduced in the mid-1980s to improve manufacturing processes and it has evolved over many decades. Lean Six Sigma has become popular in the service sector and increasingly being applied to improve the quality of healthcare processes and reducing the overall cost.
Faculty

Professor: Indranil R. Bardhan
Clinical Professors: Forney Fleming III, Kannan Ramanathan
Assistant Professor: Mehmet Ayvaci

Requirements

Students enrolled in the Master of Science in Healthcare Management program have the opportunity to earn a Green Belt in Healthcare Lean Six Sigma by completing the required course with a grade of (B) or higher.

   **HMGT 6332** Quality Improvement in Healthcare: Six Sigma and Beyond

This opportunity is also available to other graduate students to earn a Green Belt in Lean Six Sigma by completing the required course with a grade of (B) or higher.

   **OPRE 6364** Quality Control: Lean Six Sigma

Required Project

The student will work in a team with other students to complete a project under the guidance of a coach to address the quality improvement issue at a healthcare or healthcare related, organization (for the Green Belt in Healthcare Lean Six Sigma) or in any organization (healthcare or not) for the Green Belt certificate in Quality. Please contact [Dr. Kannan Ramanathan](mailto:kannan.ramanathan@utdallas.edu) for more information.