

# Health Systems Management

Health care is the largest industry in the United States and job growth is projected at 25% during the next several years. The industry faces multiple challenges, including rise in acute and chronic illnesses among aging Baby Boomers, continued reductions in reimbursement, decreasing financial resources, an expansion of diseases brought to the U.S. through global mobility, a limited labor pool of skilled workers and increasingly sophisticated health care consumers.

Successful development and execution of new models of health care delivery will require employees who have the educational foundation to understand and navigate these challenges.

The health care industry is the nation's second largest employer, and the Chicago-area market in particular holds tremendous employment potential for health systems management graduates.

The Marcella Niehoff School of Nursing's extensive relationships with health care providers and organizations facilitate myriad career and internship opportunities for its students.



## THE PROGRAM

*B.S. in Health Systems Management: Undergraduate Degree for Non-Nurses*

Loyola University Chicago's B.S. in Health Systems Management provides students with the knowledge and critical thinking skills necessary to perform effectively in entry-level positions within the health care industry and to prepare for graduate school.

The degree builds on Loyola's excellent liberal arts and sciences programs, as well as the strong national and international reputations of its faculty in nursing and other schools in the fields of health systems management study. The university's link to the prestigious Loyola University Health System (LUHS) further strengthens Loyola's reputation for health care academics and practice. The interdisciplinary health systems management program includes courses from the School of Business Administration and the College of Arts and Sciences.

The extensive knowledge and skills Loyola students develop through completion of this program differentiates them from others exploring career opportunities in health care management. Enriched by the renowned Jesuit tradition of education, a Loyola health systems management education deepens students' understanding of ethics, values, social justice, basic human behavior and science to help them achieve both professional success and personal satisfaction.

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*Preparing people to lead extraordinary lives*

## THE PROGRAM [CONTINUED]

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Graduates will be prepared to demonstrate an understanding of:

- The structure and functions of the health care system.
- The essential economic, financial, social, legal, regulatory, structural and policy issues that are characteristics of the U.S. health care system.
- The organization and management of a health care system or site of care.
- The underlying operating principles which drive the health care industry including the provider, non-governmental association, payer, supplier and public/government segments, and of the interrelationships among the segments.
- The scope and impact of social justice and ethical issues residing within the health care industry such as bioethics, the barriers to access to care, and the uninsured.
- The use of and the basic skills for quality and outcomes performance management across the health care industry.
- The role of technology and science, particularly information technology, in the evolving U.S. health care system.

## CAREER AND INTERNSHIP OPPORTUNITIES

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Chicagoland provides extensive career and internship opportunities because it is home to two global health care/pharmaceutical companies, five academic medical centers, two of the nation's largest health systems, health care equipment manufacturers, software companies, numerous community-based health care systems, large physician group practices, long-term care facilities, assisted living and home-care services. Large insurance companies and health care associations, such as the American Medical Association and the American Hospital Association, are also located in Chicago.

The Marcella Niehoff School of Nursing's extensive relationships with health care providers and organizations facilitate career and internship opportunities, which are designed to provide students with field-based experiences under the supervision of a preceptor.

Objectives and learning outcomes are developed and agreed to by the student, faculty member and preceptor.

After graduation, students may find positions in settings such as health care manufacturing, pharmaceutical companies, health care service companies, associations, purchasing organizations, consulting firms and insurance companies, as well as hospitals, nursing homes, assisted-living facilities and other providers.

Typical positions include project management, marketing, public relations, finance, operations, human resource management, program management and quality assurance. In addition, students who complete this program have solid preparation for further education at the graduate level.

Loyola's Career Center offers frequent job fairs with on-campus recruiting, job-listing sites, resume workshops and Website posting of student resumes.

Some students in the major are preparing to enter professional schools, such as law, medicine and pharmacy, or graduate programs in fields including ethics and business administration.

## STUDENT CLUBS AND ORGANIZATIONS

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University life offers many opportunities for participation in on-campus clubs and organizations that respond to students' areas of interest. It is anticipated that health systems management students will be guided to create their own club so that leadership and team-building skills can be developed and enhanced.

## LOYOLA FACULTY

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Loyola's highly regarded nursing faculty includes several members with significant expertise in areas of health systems management:

**Program Director: Mary C. Dominiak, Ph.D., M.B.A.,** Health systems management, marketing, leadership

**Ida Androwich, Ph.D., F.A.A.N.,** Health systems management, informatics, financial management, outcomes performance management

**Sheila Haas, Ph.D., F.A.A.N.,** Health systems management, program planning and evaluation, outcomes performance management

**Diana Hackbarth, Ph.D., F.A.A.N.,** Health policy, health programming planning and evaluation

**Margaret Kraft, Ph.D.**, Informatics, data mining, health systems management

**Lee Schmidt, Ph.D.**, Health systems management

**Frances Vlases, Ph.D.**, Health systems management, financial management, outcomes performance management

Faculty members from both the School of Business Administration and LUHS teach courses in this interdisciplinary health systems management program.

## DEGREE REQUIREMENTS

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Students must complete 128 credit hours, including the freshman seminar, university Core (see page 4), required courses (see below), electives and an internship. The program is designed so that students may minor in areas such as marketing, bioinformatics or other related areas.

### *Required Health Systems Management Courses*

#### *Accounting (ACCT)*

201. Introductory Accounting

#### *Biology (BIOL)*

209. Microbiology

#### *CM/MH/AD Nursing (CMAN)*

386. Introduction to Information Systems for Health Care  
438. Health Care Marketing

#### *Communication (CMUN)*

101. Public Speaking and Critical Thinking  
224. Organizational Communication

#### *Economics (ECON)*

201. Economic Principles (Micro)

#### *Finance (FINC)*

332. Business Finance

#### *General Nursing (GNUR)*

207. Individual, Family, Community Wellness and Health  
360. Research

#### *Health Systems Management (HSM)*

110. Health Care in America  
210. Introduction to Global Health  
220. Aging in America  
230. Health Care of Vulnerable Populations  
240. Health Care Workforce Environment  
310. Introduction to Project Management  
320. Health Care Program Planning and Evaluation  
325. Health Care Fiscal Management  
330. Health Care Legal and Regulatory Environment  
340. Health Care Leadership/Policy  
350. Continuum of Care (capstone course)  
360. Internship  
368. Management of Health Care Organizations

#### *Management (MGMT)*

318. Organization Development and Change

#### *Philosophy (PHIL)*

184. Health Care Ethics

#### *Statistics (STAT)*

Information Systems and Operations Management, ISOM 241; or Psychology, PSYC 304)

## HEALTH SYSTEMS MANAGEMENT MINOR

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Students may be interested in a minor in health systems management. To obtain the minor, students must take 18 credit hours of courses from the major. Five courses (15 credit hours) are required and students may select the sixth course. The five required courses are:

CMAN. 386. Introduction to Information Systems for Health Care  
HSM 325. Health Care Fiscal Management  
HSM 340. Health Care Leadership and Policy  
HSM 330. Health Care Legal and Regulatory Environment  
HSM 368. Management of Health Care Organizations

## CORE CURRICULUM

- Focuses on desired knowledge, skills and values in addition to academic disciplines.
- Includes 45 credit hours of coursework, developing important skills through 10 required areas of knowledge:
  - Important skills include: communication, critical thinking, ethical awareness, information literacy, quantitative and qualitative analysis, research methods and technological literacy.
  - Required areas include: college writing seminar, artistic knowledge and experience, historical knowledge, literary knowledge, scientific literacy, societal and cultural knowledge, philosophical knowledge, theological and religious studies, and ethics.
- “Values Across the Curriculum” requirements:
  - 12 credit hours completed through the Core, major or electives, focusing on:
    - Understanding and promoting justice
    - Understanding diversity in the United States and the world
    - Understanding spirituality or faith in action in the world
    - Promoting civic engagement or leadership
- Makes up about one-third of a student’s Loyola academic experience, complemented by the major and electives.
- Incorporates great flexibility with myriad courses from which to choose for each required area. Courses may be completed at any time during a student’s Loyola education.

For more information, please visit: [LUC.edu/core](https://luc.edu/core).

## TRANSFER CREDIT

Students may transfer appropriate credits for courses taken outside of Loyola subject to achievement of a minimum C grade for each course, and upon approval of the program director. External students wishing to transfer into Loyola and the program must provide official transcripts indicating a minimum 2.5 grade-point average (GPA) on a four-point scale. Transfer courses are not credited to the university or major core courses. Internal students wishing to transfer to a major in health systems management must have a minimum 2.5 GPA.

### LOYOLA UNIVERSITY CHICAGO

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### FOR MORE INFORMATION

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