Master of Health Administration (MHA) with a specialization in

Health Care Informatics

Effective October 9, 2017
The MHA Health Care Informatics specialization focuses on the impact of information technology within the ever-changing health care industry. The specialization immerses learners into the world of health informatics and explores the depth and breadth of health information systems and how they influence strategic planning, decision making, and daily operations. The specialization curriculum emphasizes best practices in health informatics essentials, including electronic medical records, workflow, meaningful use, change management, and information technology alignment with regard to clinical operations. Upon successful completion of this specialization, learners are prepared to pursue director-level and leadership positions in a wide range of health care settings and organizations that utilize various health information technologies.

A University on Top of IT Trends in Health Care

With the constant and pervasive expansion of data and technology across the health care delivery spectrum, health care systems require professionals at all levels to understand how to integrate the business needs and information management capabilities of the organization. Consumer-focused, values-based care demands that high quality cost-effective services be offered consistently across the continuum of care, which requires the foundational and transactional support that information management can provide. Evolving trends within the industry around such topics as Electronic Health Records (EHR’s), meaningful use, and the use of big data and predictive analytics to inform best practices and treatment decisions requires Capella to continually dialogue with our strategic business partners and apply agile design methods within our curriculum development work to stay on top of this dynamic field.

With an MHA in Health Care Informatics, you’ll gain the skills and knowledge to lead the way in EMR implementation, improve population health, and implement and demonstrate the meaningful use of data collected from electronic health records.

Capella’s MHA in Health Care Informatics courses are aligned with Healthcare Information and Management Systems Society (HIMSS) and National Center for Healthcare Leadership (NCHL) standards.

Earn up to 12 credits (3 courses) of documented credit if you hold the CPHIMS certification.
Capella’s Career Center proactively assists learners and alumni in developing and implementing their unique career management goals. The Career Center staff is committed to helping you move forward in your career.

## Career Information

### RELATED EMPLOYMENT SETTINGS TO EXPLORE

<table>
<thead>
<tr>
<th>Hospital</th>
<th>Health system</th>
<th>Private practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home health care service</td>
<td>Nursing or residential</td>
<td>Outpatient care center</td>
</tr>
<tr>
<td>Health care consulting firm</td>
<td>care facility</td>
<td>Insurance company</td>
</tr>
<tr>
<td>Health care organization</td>
<td>Community or technical</td>
<td>Health plan</td>
</tr>
<tr>
<td>Ambulatory health</td>
<td>college</td>
<td>Accountable Care Organization (ACO)</td>
</tr>
<tr>
<td>care service</td>
<td></td>
<td>Health clinic</td>
</tr>
<tr>
<td>Land-based or online</td>
<td>Wellness and health</td>
<td></td>
</tr>
<tr>
<td>college or university</td>
<td>promotion organizations</td>
<td></td>
</tr>
</tbody>
</table>

### RELATED JOB TITLES TO EXPLORE*†

| Informatics consultant          | Compliance officer/director | Health data/information resource manager |
| Health informatics analyst      | Clinical data analyst      | Director of health care quality         |
| Director of medical information| Principal analytics advisor| Director of consumer engagement/experience |
| Clinical/healthcare             | Health information system  | Clinical utilization manager            |
| informatics specialist          | application designer       |                                          |
| Informatics manager             | Compliance officer         |                                          |
|                                 |                          |                                          |

### SPECIALIZATION OUTCOMES

| Integrate essential            | Optimize interdepartmental | Coordinate healthcare            |
| informatics concepts into      | workflow to maximize      | information systems to align     |
| healthcare administration      | the impact of health      | with legal and regulatory        |
|                               | information technology    | environments, standards,         |
|                               |                          | guidelines, and best practices  |
| Lead and manage the           | Integrate information     |                                          |
| healthcare informatics        | technology to align with  |                                          |
| lifecycle                    | practice                  |                                          |

---

* These are examples intended to serve as a general guide. Because many factors determine what position an individual may attain, Capella cannot guarantee that a graduate will secure any specific job title.

† Some positions require licensure and/or other designations. We encourage you to research requirements for your job target and career goals.
Curriculum

- 12 required courses
- Total program credits: 48 quarter credits

CORE COURSES

- NHS5004 Communication, Collaboration, and Case Analysis for Master’s Learners ........................................... 4 quarter credits
- MHA5006 Health Care Finance and Reimbursement ................... 4 quarter credits
- MHA5010 Strategic Health Care Planning .................................. 4 quarter credits
- MHA5012* Organizational Leadership and Governance .................. 4 quarter credits
- MHA5019* Project Management and Team Leadership ................. 4 quarter credits
- NHS6004 Health Care Law and Policy .................................. 4 quarter credits
- NHS6008 Economics and Decision Making in Health Care .......... 4 quarter credits
- MHA5020* Health Administration Capstone .......................... 4 quarter credits

SPECIALIZATION COURSES

- MHA5062 Health Care Delivery: New Environments in Health Informatics ........................................... 4 quarter credits
- MHA5064 Health Care Information Systems Analysis and Design for Administrators .................................. 4 quarter credits
- MHA5066 Cornerstones of Health Informatics for Organizational Operations ........................................... 4 quarter credits
- MHA5068 Leadership, Management, and Meaningful Use of Health Care Technology .......................... 4 quarter credits

*Denotes courses that have prerequisite(s). Refer to the course descriptions for further details.

Our competency-based curriculum was built around relevant, real-world health care problems to ensure you’ll gain the skills you need to provide and implement impactful, efficient solutions.

This specialization is offered in the GuidedPath delivery model.

The courses in this program may require live web conferencing activities and/or learner audio/video recordings. Learners who require assistive technology or alternative communication methods to participate in these activities should contact Disability Services to request accommodations.
Core Course Descriptions

NHS5004  Communication, Collaboration, and Case Analysis for Master’s Learners

This course prepares learners for Master’s-level coursework in the School of Nursing and Health Sciences. Throughout the course, learners analyze how the role of the practitioner-scholar guides leadership in the health care field and determine the ways in which they can effectively use communication strategies expected of health care professionals. In particular, learners examine the attributes that contribute to effective and ethical health care leadership, including professional collaboration, communication, inclusion, and decision making. Must be taken during the learner’s first quarter. Cannot be fulfilled by transfer.

MHA5006  Health Care Finance and Reimbursement

Learners in this course gain knowledge of and apply financial management concepts, principles, and processes used in health care organizations. Learners examine accounting, financial statements and ratios, budgeting, capitalization, cost allocation, reimbursement methodologies and processes, and the impact of varying reimbursement structures on health care practice and service delivery. Learners also design, prepare, and manage health care budgets; analyze short- and long-term health care investment decisions; and articulate the ways effective health care finance and accounting processes are used to present operational and strategic financial information to organizational stakeholders.

MHA5010  Strategic Health Care Planning

In this course, learners examine strategic orientation, planning, and decision making in health care organizations and environments. Learners analyze the political, legal, regulatory, organizational, demographical, and multicultural implications of strategic planning decisions and how those decisions impact communities and populations, define best practices for health care organization staff development, and balance the prioritization of organizational and regulatory needs with feasible cost-effective solutions. Learners also develop a long-term strategic health care plan that includes information on human resource requirements, technology needs, and financial implications.

MHA5012  Organizational Leadership and Governance

Learners in this course explore and articulate the fundamental concepts and principles of health care organization management and leadership, including governance, cost-effective decision making, and managing and leading stakeholders and staff. Learners identify best practices for mobilizing, managing, and improving employee, organization, stakeholder, and community commitment and for creating employee-centered organizations that foster professional and organizational accountability. Learners also analyze an organizational leadership structure and governance plan and examine how to apply team leadership skills to initiate change. Prerequisite(s): Completion of or concurrent registration in MHA5010.

MHA5019  Project Management and Team Leadership

This course covers the project management and team leadership skills necessary for managing a major health care-related project initiative, including communication, collaboration, and interpersonal understanding. Learners evaluate a project scenario, addressing issues associated with project planning and performance; resource allocation; risk management, reporting, and problem solving; and financing and return-on-investment (ROI). Prerequisite(s): MHA5006, MHA5010, MHA5012, NHS6004, NHS6008.

NHS6004  Health Care Law and Policy

In this course, learners examine the political, legal, and regulatory issues impacting health care organizations and environments. Learners analyze the effects of health care policy on health care practice and service delivery, with particular emphasis on the strategies used to monitor and maintain legal and regulatory compliance. Learners also identify and apply health care policy and law concepts that promote organizational improvement.
NHS6008  Economics and Decision Making in Health Care  4 QUARTER CREDITS
This course helps learners develop and demonstrate concepts, principles, issues, and trends in health care economics and the economic decision-making practices employed in the health care environment. Learners analyze the political, legal, regulatory, organizational, demographical, and multicultural implications of business decisions on health care economics; explore the ways economic and stakeholder influences affect operational planning and decision making; and practice applying performance monitoring and process management measures as part of the decision-making process. Learners also examine cost-effective problem solving; community- and population-based orientation; and effective use of health care market research, analysis, and assessment.

MHA5020  Health Administration Capstone  4 QUARTER CREDITS
In this course, learners demonstrate proficiency in their specialization area by selecting a health care problem in their specific area of interest, conducting a data analysis, and finally, proposing evidence-based recommendations for resolution. Throughout the course, learners practice three key industry-identified competency groups—transformation, execution, and people. For MHA learners only. Prerequisite(s): Completion of all required and elective coursework. May be taken concurrently with MHA5019. Cannot be fulfilled by transfer.

Specialization Course Descriptions

MHA5062  Health Care Delivery: New Environments in Health Informatics  4 QUARTER CREDITS
Learners in this course investigate the changing technological environment facing today’s hospital leaders. Throughout the course, learners explore the many health information systems and applications now used by health care organizations, as well as examine the myriad rules, regulations, and government influences paramount to health informatics.

MHA5064  Health Care Information Systems Analysis and Design for Administrators  4 QUARTER CREDITS
In this course, learners examine the many aspects of health care information systems, including project management, data, and database concepts as components of systems analysis and design. Learners evaluate, analyze, and classify various systems in order to gain a better understanding of their inner workings. Learners also research and apply current trends in health care informatics. Prerequisite(s): MHA5062.

MHA5066  Cornerstones of Health Informatics for Organizational Operations  4 QUARTER CREDITS
In this course, learners examine cornerstones of health informatics, including security, confidentiality, and the maximization of organizational operational efficiency, for health care administrators. Course topics include workflow, implementation, go-live support, and information management. Prerequisite(s): MHA5062.

MHA5068  Leadership, Management, and Meaningful Use of Health Care Technology  4 QUARTER CREDITS
This course provides learners with the leadership and management principles used in health informatics. Learners examine the alignment of information technology with clinical operations, as well as the meaningful use of health care technology in effective organizational communications. In addition, learners identify and articulate ethical and legal policies and procedures for end users. Prerequisite(s): MHA5062.
Recommended Course Sequence

This recommended course sequence assumes learners take two courses per quarter. Some learners elect to take fewer or more based on workload and the amount of time available for graduate study.

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1</td>
<td>NHS5004 Communication, Collaboration, and Case Analysis for Master’s Learners</td>
</tr>
<tr>
<td>Q2</td>
<td>NHS6004 Health Care Law and Policy</td>
</tr>
<tr>
<td></td>
<td>MHA5010 Strategic Health Care Planning</td>
</tr>
<tr>
<td>Q3</td>
<td>NHS6008 Economics and Decision Making in Health Care</td>
</tr>
<tr>
<td></td>
<td>MHA5006 Health Care Finance and Reimbursement</td>
</tr>
<tr>
<td>Q4</td>
<td>MHA5062 Health Care Delivery: New Environments in Health Informatics</td>
</tr>
<tr>
<td></td>
<td>MHA5012 Organizational Leadership and Governance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YEAR 2</th>
<th>COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q5</td>
<td>MHA5064 Health Care Information Systems Analysis and Design for Administrators</td>
</tr>
<tr>
<td></td>
<td>MHA5019 Project Management and Team Leadership</td>
</tr>
<tr>
<td>Q6</td>
<td>MHA5066 Cornerstones of Health Informatics for Organizational Operations</td>
</tr>
<tr>
<td></td>
<td>MHA5068 Leadership, Management, and Meaningful Use of Health Care Technology</td>
</tr>
<tr>
<td>Q7</td>
<td>MHA5020 Health Administration Capstone</td>
</tr>
</tbody>
</table>
Financial Aid

Capella University offers assistance to learners who qualify and would like to secure educational funding to help finance their academic program. A number of options are available, given the diverse needs and backgrounds of prospective learners. Options include:

- Federal Direct Stafford Loan Program
- Federal Direct PLUS Loan Program
- Non-federal loans through preferred lenders and financial institutions
- Capella scholarships
- External scholarships
- Veterans’ educational benefits and U.S. armed forces discounts
- Corporate and higher education alliances
- Employer tuition reimbursement

Regarding loan programs, interest rates for Stafford student loans are low compared to other types of consumer loans, and repayment can be deferred until after graduation. In compliance with federal and state laws, Capella University has established policies for all learners regarding satisfactory academic progress, which is necessary for financial aid eligibility.

Contact an enrollment counselor at 1.888.CAPELLA (227.3552) to discuss your financial aid opportunities.

Tuition and Fees

This tuition estimate is effective July 10, 2017, and is subject to change. For current pricing, visit the Capella University website at www.capella.edu.

<table>
<thead>
<tr>
<th></th>
<th>TUITION/FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition per credit</td>
<td>$526</td>
</tr>
<tr>
<td>Resource kit per quarter</td>
<td>$125</td>
</tr>
</tbody>
</table>
Academic Leadership

F. Patrick Robinson, PhD, RN, FAAN
Dean

Dr. Patrick Robinson serves as the dean of the School of Nursing and Health Sciences at Capella University. Prior to joining Capella, Dr. Robinson served as Senior Vice President of Academics for Orbis Education, Dean of Curriculum and Instruction at Chamberlain College of Nursing, Executive Assistant Dean of the University of Illinois at Chicago College of Nursing, and Chair of the Department of Health Management and Risk Reduction at the Niehoff School of Nursing at Loyola University Chicago. Additionally, Dr. Robinson is a fellow of the American Academy of Nursing (FAAN). He holds a BSN and MSN from Indiana University, a PhD in Nursing Science from Loyola University Chicago and has completed a post-doctoral fellowship in biobehavioral nursing research at the University of Illinois at Chicago.

Christy Davidson, DNP, RN
Associate Dean and Director of Nursing

Dr. Christy Davidson serves as associate dean and director of nursing for Capella University’s School of Nursing and Health Sciences. Dr. Davidson has been with Capella since 2010, and has been a registered nurse for almost 18 years, having previously served as a staff nurse, clinical nurse specialist, legal nurse consultant, and nurse manager. Her areas of specialty and interest include women’s and children’s health, leadership and management, and quality improvement. Dr. Davidson holds a DNP in Leadership from the University of South Alabama and holds both an MSN in Adult Health and a BSN from the University of Mobile.

Ben Spedding, DHA
Faculty Chair

Dr. Ben Spedding serves as the Faculty Chair for Public Health and Health Care Leadership in the School of Nursing and Health Sciences. Dr. Spedding has taught at Capella since 2011 in the School of Undergraduate Studies (psychology program), where he most recently functioned in the interim faculty chair role. In 2013, he joined the School of Public Service Leadership as a faculty mentor for doctoral students. He has been recognized twice with the Stephen Shank award. He has served in various faculty roles since 2004 and has over 20 years of experience working in the nonprofit health care and social services arenas. His professional expertise includes responding to the health care industry’s demand for determining new methods of organizing, delivering, and purchasing services. Ben states, “I enjoy teaching, knowing that it assists in the development of the next generation of leaders and helps to prepare students for their roles in society as lifelong learners.”
Move Forward with Capella University

WORKING SCHOLARS
Capella provides an online, flexible learning environment for working adults who are also determined scholars. That connection between academic and professional work infuses the entire Capella experience—from the faculty we recruit to the course projects you complete. The theories discussed in the courseroom are designed to develop working knowledge for everyday situations.

AN ACCREDITED UNIVERSITY
Our accreditation* is an assurance to students, employers, and the public that Capella University meets or exceeds established standards for quality of faculty, curriculum, and learner services. It is also an important factor in the ability to transfer credits among higher education institutions. Regional accreditation, the type held by Capella, is the most common type for major public, state, and private institutions in the United States.

VALUING YOUR KNOWLEDGE AND EXPERIENCE
Adults bring a wealth of experience and learning to their education. Capella courses are designed to bring out your perspectives just as you gain from others’ ideas. Your knowledge can also be worth time and money: An enrollment counselor can help you estimate how much of your prior learning may apply toward your Capella degree program.

*ACCREDITATION
Capella University is accredited by the Higher Learning Commission.

HIGHER LEARNING COMMISSION
https://www.hlcommission.org
800.621.7440

© 2017 Capella University. All rights reserved.