Nursing Informatics
Graduate Certificate

Effective January 8, 2018
The Nursing Informatics graduate certificate is designed for nursing professionals who want to increase their knowledge in delivering quality nursing care using health care technology and the many components that comprise health informatics. Using an evidence-based approach, learners address how health information systems influence strategic planning, decision making, and clinical project management.

Capella’s Nursing Informatics graduate certificate program is aligned to American Association of Colleges of Nursing (AACN) Essentials, Quality and Safety Education for Nurses (QSEN) competencies, and Technology Informatics Guiding Education Reform (TIGER) Initiative Informatics competencies.

Learners have access to Vila Health™, a virtual health care environment that simulates a system of health, exclusive to Capella. It allows you to practice solving real-world informatics challenges, including improving interoperability, clinical workflow, meaningful use initiatives and population health.

Capella’s MSN Nursing Informatics graduate certificate combines science, nursing, data, informational systems management, and valuable nursing knowledge to promote workflow efficiencies and increased patient health.
Curriculum

- 5 required courses
- Total program credits: 20 quarter credits

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MSN6038</td>
<td>Evidence-Based Practice and Technology for Nursing</td>
<td>4</td>
</tr>
<tr>
<td>MSN6410*</td>
<td>Principles of Nursing Informatics</td>
<td>4</td>
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<tr>
<td>MSN6412*</td>
<td>Health Informatics Systems Planning, Analysis, Design, and Build for Nursing</td>
<td>4</td>
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<tr>
<td>MSN6414*</td>
<td>Data Management and Health Care Technology</td>
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<tr>
<td>MSN6416*</td>
<td>Managing the Nursing Informatics Life Cycle</td>
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TRANSFER CREDIT

A maximum of 4 quarter credits from previous graduate coursework may be transferred and applied to your program’s requirements.

ADMISSION REQUIREMENTS

Bachelor’s degree from an institution accredited by a U.S. Department of Education-recognized accrediting agency or an internationally recognized institution

Grade point average of 3.0 or higher on a 4.0 scale

Current, unrestricted RN license (or its equivalent) to practice in the United States

One year of licensed RN work experience or current employment as an RN

This graduate certificate is offered in the GuidedPath delivery model.

The curriculum incorporates the Essentials of Master’s Education for Advanced Practice Nursing established by the American Association of Colleges of Nursing (AACN).

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.

This certificate does not prepare graduates for licensure as an RN or APRN.

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.
Course Descriptions

**MSN6038 Evidence-Based Practice and Technology for Nursing**

In this course, learners analyze the diverse frameworks of research and evidence-based nursing practice. Learners differentiate between various types of research strategies, examine ways to search for evidence effectively and efficiently, and propose an evidence-based strategy to solve a clinical problem. Learners also evaluate ethical considerations associated with conducting research.

**MSN6410 Principles of Nursing Informatics**

This course provides the framework for nursing professionals who are interested in entering the field of health informatics and acquiring the skills and knowledge necessary for certification. Throughout the course, learners explore the roles, theories, and standards of nursing informatics practice, as well as examination the rules, regulations, and current trends that govern professionals in the field.

**MSN6412 Health Informatics Systems Planning, Analysis, Design, and Build for Nursing**

In this course, learners analyze and synthesize the various aspects of health/clinical information systems used by nurses to deliver quality health care. In particular, learners acquire the knowledge and skills needed to effectively plan, design, build, and implement health/clinical information systems within nursing practice. Course topics include electronic medical records and the importance of accurate workflow application. **Prerequisite(s): MSN6410.**

**MSN6414 Data Management and Health Care Technology**

Learners in this course analyze the use of data and databases as key drivers in nursing informatics. Throughout the course, learners demonstrate competence in managing and interpreting data in such a way that enhances their roles and decision-making capabilities in today's health care technology environments. **Prerequisite(s): MSN6410.**

**MSN6416 Managing the Nursing Informatics Life Cycle**

In this course, learners explore the typical life cycle of implementation, testing, evaluating, and supporting both hardware and software applications. Learners also study project and change management principles in relation to the life cycle of a health care information system. **Prerequisite(s): MSN6410 and MSN6412.**
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.
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.

Constance Hall, EdD/CI, RN
Faculty Chair
Dr. Constance Hall serves as the faculty chair for graduate nursing. Dr. Hall brings over twenty-five years of nursing education and clinical nursing experience to her new role. Her career has included nursing service administrative positions, faculty, and academic leadership roles. She has demonstrated expertise in nursing education curriculum development and her area of research focuses on nursing students’ perceptions of stress producing situations. Dr. Hall holds both an EdD/CI in Leadership with a specialty in curriculum and instruction and an MSN in Educational Leadership from the University of Phoenix, School of Advanced Studies. She also holds a BA in Biology from Hendrix College.
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 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.

Important Information about the educational debt, earnings, and completion rates of students who attended this program: http://capellasync.com/assets/includes/gainfulemployment/cta/GE/GE15/certs/PB_Cert_Nursing_Informatics_gedt.html.

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

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

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