



# HEALTH SCIENCES



## BACHELOR OF SCIENCE (BS) COLLEGE OF NURSING AND HEALTH

### THERE ARE TWO TRACKS OF STUDY AVAILABLE:

**Population Health Care Management,**  
and **Health Care Informatics and Quality  
Systems Management**

*The programs focus on managing patients' healthcare data. This includes, but is not limited to: population health literacy, psychology, hospice, aging studies, systems analysis and design, project management, informatics, and clinical transformation with special emphasis on cultural humility and social justice.*

*Each track requires two semester-long internships during which students work in a healthcare setting.*

### WHAT DOES THIS TYPE OF WORK LOOK LIKE?

#### POPULATION HEALTH CARE MANAGEMENT

This track focuses on improving health outcomes of a group by monitoring and identifying individual patients within that group.

- **Wellness Coach/Consultant/Specialist:** Plans, develops, and promotes programs for the public that focus on health education and screenings, diet and nutrition, exercise, and stress management.
- **Community Health Liaison:** Plans and implements comprehensive community outreach programs whether in behavioral health, public health, and/or as a liaison after hospital discharge to the community.
- **Population Health Specialist:** Works collaboratively with physician practices for process improvement and provides assistance in quality reporting. Provides support to the practice to meet organizational quality and efficiency goals with a focus on patient engagement.

#### HEALTH CARE INFORMATICS AND QUALITY SYSTEMS MANAGEMENT

This track focuses on improving outcomes through information technology, providing data to healthcare practitioners to analyze and understand patient health records.

- **Data Analyst:** Responsible for evaluating and creating data content. The data analyst manages tools to collect, mine data, and create reports.
- **Project Manager:** Manages the project plan, tools, workflow, and scope to develop an overall plan for meeting organizational project objectives.

## HEALTH SCIENCES CAREER OPPORTUNITIES

### POPULATION HEALTH CARE MANAGEMENT

- Wellness Coaches and Consultant
- Community Health Liaison
- Population Health Program Specialist
- Population Health Program Manager
- Health Promotion Specialist
- Care Coordination Specialist

### HEALTH CARE INFORMATICS AND QUALITY SYSTEMS MANAGEMENT

- Data Analyst
- Project Manager
- Quality Analyst
- Health Resource Specialist
- Clinical Transformation Specialist
- Health Informatics Technologist

Madonna University has been named as a Healthcare Information and Management Systems Society Approved Education Partner (AEP) for meeting rigorous standards for quality health information technology (IT) and healthcare education. Madonna University joins an exclusive group of organizations authorized to offer HIMSS-approved healthcare and health information technology education and training programs that prepare candidates for advanced knowledge in health IT or healthcare.

The Society commended the administration of Madonna University for offering a Health Sciences bachelor's degree focused on the studies of population health, an increasingly important field of study.

### JOB OUTLOOK

Employment of medical and health services managers is projected to grow 23 percent from 2012 to 2022, much faster than the average for all occupations. As the large baby-boom population ages and people remain active later in life, the healthcare industry as a whole will see an increase in the demand for medical services (U.S. Bureau of Labor Statistics, 2013).



## ABOUT MADONNA UNIVERSITY



Liberal arts education, career preparation and service-learning have been the hallmarks of a Madonna University education for more than 80 years. In addition to the beautiful main campus, conveniently located at I-96 and Levan Road in Livonia, Madonna offers academic programs in Dearborn, Gaylord, Macomb, and online in China, Haiti and the United Arab Emirates. Michigan's most affordable, independent, Catholic, liberal arts university, Madonna offers more over 140 majors and minors and 35 graduate degrees in the Colleges of Arts and Sciences, Education and Human Development, Nursing and Health, and the School of Business.

### PLAN OF STUDY

Visit us at  
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### APPLY NOW AT MADONNA.EDU



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