

NURSING INFORMATICS, GRADUATE CERTIFICATE

According to the American Nurse Association (ANA), nursing informatics is a specialty that integrates nursing science, computer science, and information science to manage and communicate data, information, knowledge, and wisdom in the nursing practice. The ultimate goal of Nursing Informatics is to improve patient health through information technology. Nursing Informatics strives to

1. enhance the productivity of nurses by utilizing information technology,
2. facilitate innovative solutions in healthcare, and
3. reduce costs through evidence-based decisions obtained from clinical data.

The Marshall University Nursing Informatics certificate is designed to enable nurses to evaluate and design new or modified information solutions, analyze data in order to improve nursing workflow and reduce errors, act as a liaison between nurses and technical engineers, develop strategies and policies involving information technology in nursing, and understand how information technology is used to ensure patient security and confidentiality.

Nursing informatics is for individuals that have passion for nursing and can see information technology as a tool to achieve improvement in the healthcare arena. The certificate is designed to complement existing nursing degrees and to suit the needs of students and professionals who want to specialize in the fast-expanding field of nursing information. Students who should apply for the certificate program would be individuals with a bachelor's in nursing.

In the HIMSS 2014 Nursing Informatics Workforce Survey, conducted by the Healthcare Information and Management Systems Society, the median salary reported for Nurse Informaticist was \$93,000. The average salary reported was \$100,717. Health informatics is a rapidly expanding career field. According to the American Medical Informatics Association (AMIA), around 70,000 specialists in this field will be needed within the next few years -including nursing Informaticist.

Admission Requirements

Applicants should follow the admissions process described in the Graduate Catalog, or at the Graduate Admissions website. (Submit all materials to the Graduate Admissions Office.) Students must meet the following admission requirements:

- Each student must hold a B.S.N. degree from a program accredited by ACEN, CCNE, or an equivalent accrediting body.
- Cumulative Grade Point Average of 3.0 on a 4.0 scale for all undergraduate coursework.
- Undergraduate coursework must include 3 semester credit hours of basic statistics and 3 semester credit hours of basic research with a grade of C or better.

If a student plans to sit for the ANCC-informatics nursing credentialing, they must also:

- Hold a current, active RN license in a state or territory of the United States or hold the professional, legally recognized equivalent in another country.
- Have practiced the equivalent of 2 years full time as a registered nurse immediately prior to application.

Plan of Study

Code	Title	Credit Hours
Course Requirements		
HP 605	The Role of EHR and PHR	3
HP 615	Health Quality and Safety	3
HP 620	Legal Health & Informat	3
HP 630	Research Methods and Data	3
IS 535 or IS 623	Applied Healthcare DB Database Management	3
HP 650	Health Infor Practicum	3
Total Credit Hours		18

Courses in the certificate can be also applied to a master's degree in health informatics.