

# NURSING INFORMATICS (ADVANCED CERTIFICATE)

NYSED: 21589 HEGIS: 1203.12 CIP: 51.3813

## Program Description

The Nursing Informatics program provides innovative advanced study in the burgeoning field of nursing informatics. This highly ranked program (by *U.S. News & World Report*) prepares students to be nursing informatics leaders in a variety of roles and settings. Graduates are eligible to sit for the American Nurses Credentialing Center (ANCC) Nursing Informatics Certification Examination.

## Highlights

- Customized program progression and advisement
- Faculty are informatics specialists and nursing leaders with real-world experience
- Program focuses on the analysis, design, implementation, and evaluation of clinical & nursing information systems used in a variety of patient care delivery settings
- Potential opportunity to access the Leslie e-Lab to foster entrepreneurship skills

## Goals

- Learn to apply informatics frameworks and theories to clinical practice
- Learn to integrate evidence-based protocols into nursing information & patient care systems
- Learn to apply data analytic concepts for research

## Practicum Opportunities

- Computer labs and unique practicum experiences
- Over 500 practicum hours incorporated into specialty coursework
- Practicums held at top healthcare institutions & companies in the New York City area
- Healthcare system sites include NYU Langone Medical Center, Memorial Sloan Kettering Cancer Center, New York-Presbyterian Health Systems, Montefiore Medical Center, Mt. Sinai Medical Center, Veterans Health Administration, Maimonides Medical Center, & others

## Admissions

The application for our Advanced Certificate programs (<https://apply.nursing.nyu.edu/apply/>) is available. All applicants to our Advanced Certificate programs are required to submit the following documents at the time of application:

1. One (1) transcript from each post-secondary school attended. We can review applications with unofficial transcripts. Admitted students will be asked to submit official transcripts prior to beginning coursework at NYU Meyers.
2. Resume.
3. A two- to three-page personal statement.
4. At least two (2) letters of recommendation.
5. RN license and registration certificate. You may submit an application with an out-of-state license, but admitted students must obtain a New York State RN license prior to beginning coursework at NYU Meyers.

Applicants who have attended a post-secondary institution outside of the United States are required to upload one (1) transcript from each post-secondary school attended and submit one (1) official course-by-course evaluation of each foreign transcript directly to our office at the time of application. Your application will not be reviewed without these documents. Please mail your official course-by-course evaluation(s) to:

NYU Rory Meyers College of Nursing  
Office of Student Affairs and Admissions  
433 First Avenue, LL1  
New York, NY 10010

For applicants whose native language is not English, a copy of your latest TOEFL or IELTS score is required. Admitted students will be asked to submit official test scores prior to beginning coursework at NYU Meyers. We require a minimum TOEFL internet-based score of 100 and an IELTS Band score of 7.

See Advanced Certificate (<https://nursing.nyu.edu/academics/advanced-certificate/?tgid=nyunursing-tabs-2426&tid=apply>) for additional admission instructions and eligibility requirements.

## Nursing Informatics

Prior to entering the specialty courses of the nursing informatics program, at least one year of full-time clinical experience as a registered nurse is required.

## Program Requirements

The program requires the completion of 24 credits, comprised of the following:

Course	Title	Credits
<b>Required Courses</b>		
NURSE-GN 2231	Nursing Informatics: Introduction	3
NURSE-GN 2236	Consumers/Interact Hlth Care	3
NURSE-GN 2232	Assessment & Analysis of Clin/Nurs/Informatics	4
NURSE-GN 2234	Implemnt/Mngmt & Eval Clinical/Nurs Systems	4
NURSE-GN 2233	Database Design/Decision Support/Clin/Nurs/System	4
NURSE-GN 2235	Terminal Practicum:Nrsng Informatics Integration	6
<b>Total Credits</b>		<b>24</b>

## Sample Plan of Study

Course	Title	Credits
<b>1st Semester/Term</b>		
NURSE-GN 2231	Nursing Informatics: Introduction	3
NURSE-GN 2236	Consumers/Interact Hlth Care	3
	<b>Credits</b>	<b>6</b>
<b>2nd Semester/Term</b>		
NURSE-GN 2232	Assessment & Analysis of Clin/Nurs/Informatics (112 Practicum Hours)	4
	<b>Credits</b>	<b>4</b>
<b>3rd Semester/Term</b>		
NURSE-GN 2234	Implemnt/Mngmt & Eval Clinical/Nurs Systems (112 Practicum Hours)	4
	<b>Credits</b>	<b>4</b>
<b>4th Semester/Term</b>		
NURSE-GN 2233	Database Design/Decision Support/Clin/Nurs/System (112 Practicum Hours)	4
	<b>Credits</b>	<b>4</b>

5th Semester/Term		
NURSE-GN 2235	Terminal Practicum:Nrsng Informatics Integration (224 Practicum Hours)	6
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>24</b>

## Learning Outcomes

Upon successful completion of the program, graduates will:

1. Demonstrate critical thinking and decision-making based on a synthesis of appropriate theories and evidence from nursing and other sciences as related to the roles of nurse practitioners, nurse-midwives, and/or roles as educators, administrators, informaticists, or clinical research nurses.
2. Perform role competencies defined by national professional organizations for nurse practitioners, or nurse-midwifery roles and/or roles as educator, administrator, informaticist, or clinical research nurse.
3. Demonstrate evidence-informed decision-making related to a specific advanced practice role.
4. Advocate for universal access to quality and cost-effective healthcare for all populations across the lifespan.
5. Collaborate as members of interprofessional teams to achieve high-quality and cost-effective health outcomes.
6. Demonstrate advanced professional practice role competencies related to educational, leadership, policy, organizational, and management outcomes.
7. Demonstrate ethical decision-making in the context of personal and professional codes and guidelines.
8. Articulate a personal and professional philosophy about the Advanced Practice Nursing role that reflects patient-centered care, respect for diversity, cultural values, and a commitment to the preservation of human rights based on professional standards of practice, scope of practice, and respective professional codes of ethics.
9. Evaluate patient outcomes in relation to improving quality and patient safety.
10. Demonstrate effective written, verbal, and technological communication skills that influence the achievement of professional and health-related client outcomes in organizational, legislative, and policy settings.

## Policies

### NYU Policies

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

### College of Nursing Policies

Additional academic policies can be found on the College of Nursing academic policies page (<https://bulletins.nyu.edu/graduate/nursing/academic-policies/>).