

Integrating Informatics throughout Four Nursing Curricula: A Case Study

A Presentation for the 2009 CNIA Conference
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CASE WESTERN RESERVE UNIVERSITY

FRANCES PAYNE BOLTON SCHOOL OF NURSING



Programs Available

- BSN
- MSN (Includes RNM)
- DNP/MN: grad entry prelicensure
 - DNP 1
 - DNP2
- DNP3/MSN
- DNP4/Post master's
- Ph.D. (BSN-Ph.D)

Enrollment 2009

- Total: 713
- BSN: 276
- MSN: 136
- DNP/MN: 62 (Grad entry)
- DNP/3 (MSN) 74
- DNP/4 122
- PhD 43

Enrollment Stats

- Men: 12.2% all programs
- Racial or ethnic minority: 21%

Programs W/Informatics Content

- BSN
- MSN
- DNP/MN: grad entry prelicensure
 - DNP 1
 - DNP2
- DNP3/MSN
- DNP4/Post master's
- Ph.D. (BSN-Ph.D)

Characteristics of A Graduate

- Overriding philosophy
- Used to build Informatics Scope & Sequence
- Used with ANA Scope of Informatics Practice

Frances Payne Bolton School of Nursing
Case Western Reserve University
BSN Program
Scope & Sequence of Informatics Core

	Introduction to Nursing Informatics	Biostatistics & Epidemiology	Clinical Information Systems	Advanced Informatics Applications
Course Sequence & Credit Hours				
Course Foci				
Conceptual Framework				
Technical Skills				
Communication Skills				
Research Skills				
Course Topics				
Critical Thinking Skills				

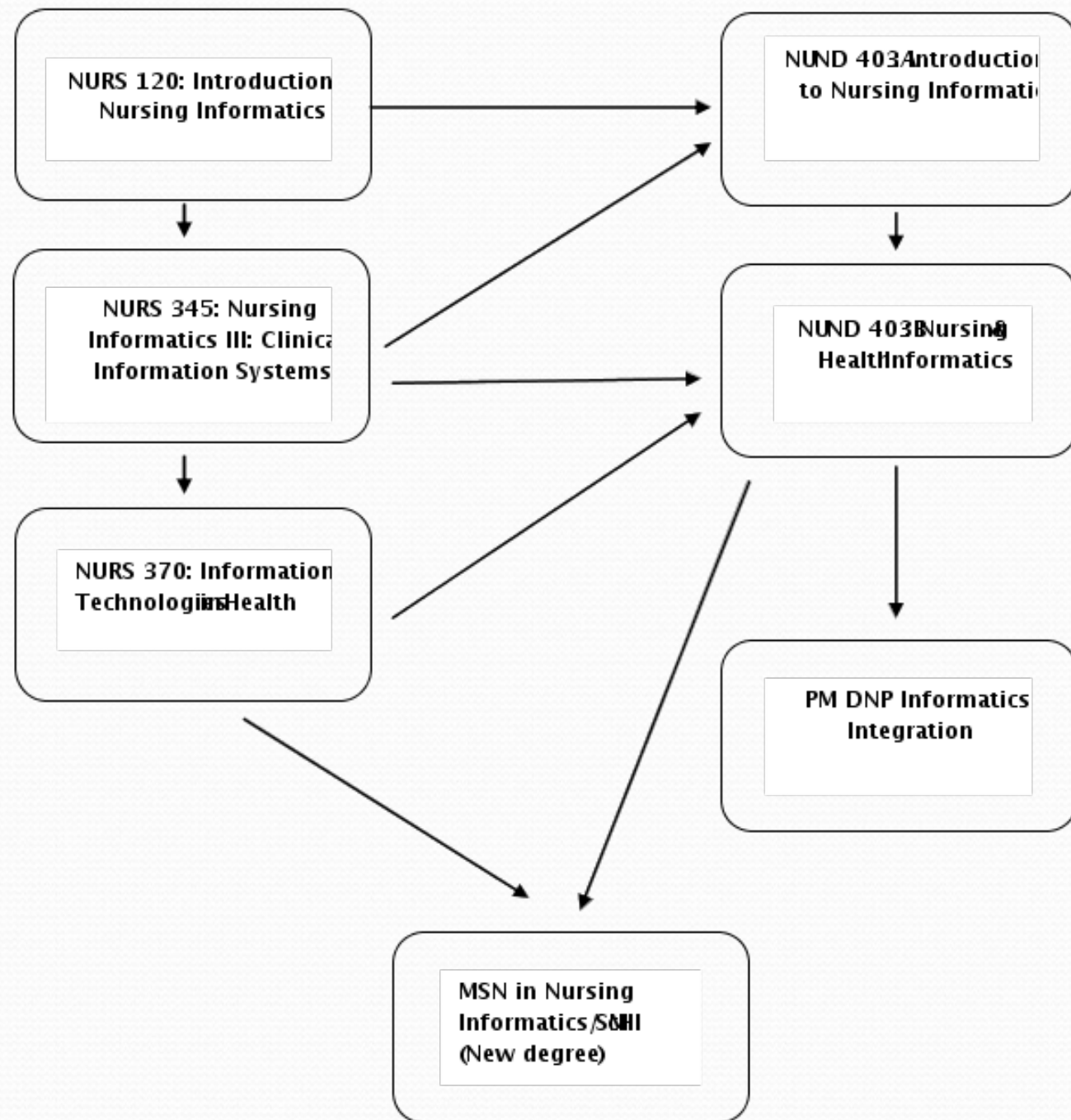


Undergraduate Program Matrix

Frances Payne Bolton School of Nursing
Case Western Reserve University
GEDNP/MN
Scope & Sequence of Informatics Core

	Introduction to Nursing Informatics	Nursing & Health Informatics
Course Sequence & Credit Hours		
Course Foci		
Conceptual Framework		
Technical Skills		
Communication Skills		
Research Skills		
Course Topics		
Critical Thinking Skills		

Cross Program Integration of Informatics Knowledge by Course Number & Name



Informatics Nursing Core

- NUNI 421 Theoretical Foundations of Nursing Informatics
- NUNI 431 Advanced Nursing Informatics
- NUNI 499 Internship in Nursing Informatics
- NURS 471 Organizational Theories
- MIDS 409 Introduction to Management Information Systems
- MIDS 432 Health Care Information Systems



Informatics Research Core

- NURS 405 Inquiry I
- NURS 425 Inquiry II
- NURS 502 Evidence Based Practice
- NURS 503 Inquiry III (Research Practicum)

Informatics Professional Core

- NUNI 443 Issues in Nursing Informatics: Professional, Legal, Ethical
- NUNI444 Seminar in Health Information Technology Policy



Thesis Option is Available

DNP 3/MSN Program Integration

- Organizational Theories
- Health Policy

DNP 4 Thesis in Informatics

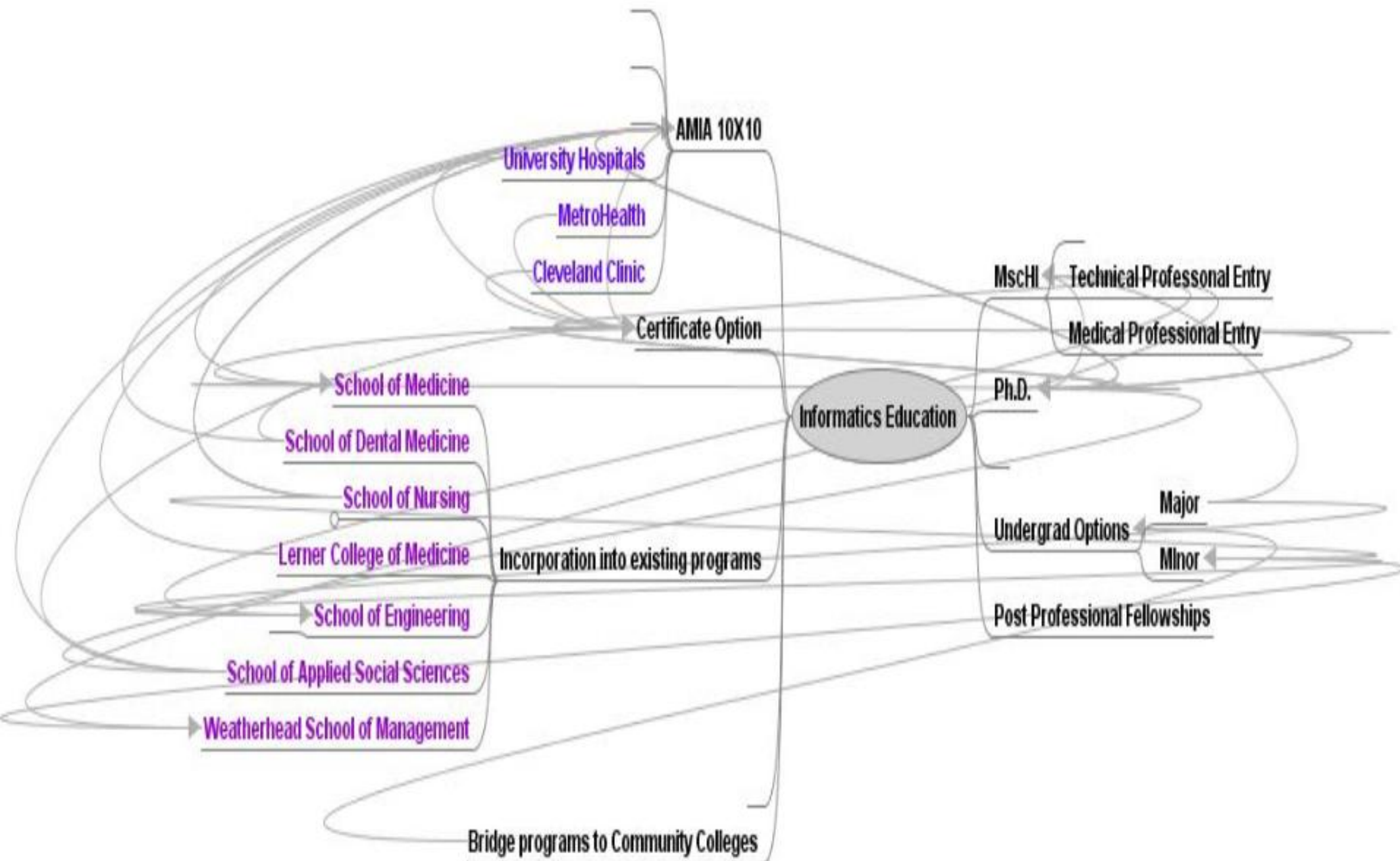
- Perception of Registered Nurses Toward New Information Technology in Acute Care Settings
- Glycemic Control in Veterans with Type 2 Diabetes: Is Care Coordination/Home Telehealth Program More Effective than a Primary Care Clinic?
- Characteristic Patterns of Diabetic Complications (Heart Disease and Visual Impairment) among Diabetes Mellitus Population Using Data Mining Approach
- Improvements to Discharge Planning Completeness as a Result of Automation
- Patient Experience Scores and Electronic Nursing Documentation

Ph.D. Dissertations

- Factors Affecting Information Systems Use and Its Benefits and Satisfaction among Ohio Registered Nurses
- The School of Nursing Students' Attitudes toward Computers at the School of Nursing at King Saud University (KSU)
- Development of a Middle Range Theory of Nursing Informatics
- Implementation of Distance Learning in Thai Universities

Integrated Online Program

- MScHI
- Built on Place & Space Model of Learning
 - Blended
 - Gallagher, Duke University
- Multiple entry & exit paths



Available on My Website

- <http://fpb.case.edu/CNIA>
- Handouts, bibliography
- By December 1, 2009



Thank you

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