

Request for Graduate Non-Curricular Changes

PLEASE USE THIS FORM FOR ALL NON-CURRICULAR CHANGE REQUESTS (changes in admission requirements or requirements for graduation, changes in existing or new policies/procedures, changes in program descriptions in catalog, general language changes in catalog).

SIGNATURES may not be required, depending on the nature of the request and from where it originates. Consult Graduate Council Chair.

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair.
3. The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.

College: College of Health Professions and Lewis College of Business

Contact Person: Nancy Lankton Phone: 6-2656

Rationale for Request:

See attached.

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached. NOTE: all requests may not require all signatures.

Department/Division Chair Nancy Lankton Date 12/5/19
 Registrar [Signature] Date 12/6/19
 College Curriculum Committee Chair [Signature] Date 9 DEC 19
 (or Dean if no college curriculum committee)
 Graduate Council Chair _____ Date _____

NOTE: please complete information required on the following pages before obtaining signatures above.

Form updated 1/2017

Request for Graduate Non-Curricular Changes – Page 2

1. Current Catalog Description (if applicable): Please insert the catalog description from the current catalog for entries you would like to change.

See attached.

Request for Graduate Non-Curricular Changes – Page 3

2. Edits to current description: Attach or insert a PDF copy of the current catalog description prepared in MS WORD with strikethroughs to mark proposed deletions and use the highlight function to indicate proposed new text.

See attached.

No edits needed – just move the description to the Lewis College of Business sight after the HEALTH INFORMATICS, M.S. section.

Request for Graduate Non-Curricular Changes – Page 4

3. New Catalog Description: Provide a “clean” copy of your proposed description without strikethroughs or highlighting. This should be what you are proposing for the new description.

See attached.

No edits needed – just move the description to the Lewis College of Business right after the HEALTH INFORMATICS, M.S. section.

Request for Graduate Non-Curricular Changes – Page 5

Please insert below your proposed change information for the Graduate Council agenda.

Type of change request:

Change in College offering the certificate program.

Department:

Change from College of Health Professions to Lewis College of Business

Degree program:

Graduate Certificate in Nursing Analytics

Effective date (fall/spring/summer, year):

Fall 2019

Rationale for Request:

This non-curricular change form is to change the Graduate Certificate in Nursing Analytics certificate program from the College of Health Profession (COHP) to the Lewis College of Business (LCOB).

This change is needed because Girmay Berhie, the Chairperson of the Health Informatics MS degree, including the two graduate certificate programs – the online data analytics in health care and the nursing informatics certificate programs, has resigned. Because of problems in the long-term sustainability of staffing this program, Dean Prewitt and Dean Avi Mukherjee agreed that the LCOB might be better equipped, in terms of faculty and expertise, to run the program. This change is appropriate and in the best interests of each College, and the University as a whole, for the following reasons:

1. In Fall 2019, 69% (27 out of 39 total credit hours) of the courses in the Health Informatics MS degree programs are being taught by the LCOB.
2. The LCOB already has degree programs in fields related to Health Informatics. It has an undergraduate degree in Health Care Management, a MS degree in Health Care Administration, and a Doctor of Management Practice in Nurse Anesthesia (DMPNA). Its proposed DBA program will have a concentration in health care management. Additionally, the LCOB's MBA program has a concentration in health care administration.
3. The LCOB has numerous faculty with expertise in health informatics and related areas (see lists below). Dean Avi Mukherjee actively publishes in the health care area.

Faculty teaching health care courses:

- Dr. Alberto Coustasse, Full Professor
- Dr. Doohee Lee, Full Professor
- Dr. Dennis Emmett, Full Professor
- Dr. Kent Willis, Assistant Professor

Faculty teaching management information systems courses:

- Dr. Rick Weible, Full Professor
- Dr. Anil Gurung, Full Professor
- Dr. Dale Shao, Full Professor

Faculty teaching business analytics and legal environment courses:

- Dr. Lanham, Assistant Professor
- Dr. Subedi, Full Professor
- Dr. Zhang, Assistant Professor
- Dr. Fnu, Assistant Professor
- Casey Baker JD, Assistant Professor

- Olen York JD, Instructor

Faculty teaching health care related management and strategy courses in the DMPNA program:

- Dr. McInerney, Full Professor
- Dr. Emmitt, Full Professor
- Dr. Lee, Full professor
- Dr. McClure, Associate Professor
- Dr. Muslin, Associate Professor
- Dr. Sollosy, Associate Professor

4. The LCOB was a critical partner in the design, development, and introduction of the MS in Health Informatics program. Faculty from the LCOB designed and taught courses that originally accounted for 31% (12 out of 39) of the degree program.
5. In response to a request by Dean Michael Prewitt and Provost Jaime Taylor, the LCOB agreed to manage the MS in Health Informatics program starting in Fall 2019. This included recruiting individuals, providing advising support, collecting assessment documentation, and directing accreditation requirements for the program. The investment of LCOB in ensuring a smooth transition without additional resources will benefit the students, Colleges, and University over the long term. The LCOB has met with all students along with Dean Prewitt, and the students are excited about the transition.

1. Current Catalog Description

Graduate Certificate in Nursing Informatics

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.

Course Requirements: Graduate Certificate in Nursing Informatics

HP 605 Role of EHR & PHR (3 Credit Hours)

HP 615 Health Quality & Safety (3 Credit Hours)

HP 620 Legal Ethics for Health Care (3 Credit Hours)

HP 630 Research Methods and Data Analytics for Health Informatics (3 Credit Hours)

IS 535 Applied Health Care Databases (3 Credit Hours) OR IS 623 Database Management
HP 650 Practicum 200 hours Nursing Informatics (3 Credit Hours)

TOTAL CREDITS18

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

2. Edits to the Current Description

(No edits needed - just move the description to the Lewis College of Business right after the HEALTH INFORMATICS, M.S. section.)

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