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CATALOG YEAR 2011
(Please use separate form for each add/change)

NURS 2414/3414

COLLEGE/SCHOOL/SECTION: _____ College of Nursing and Health Sciences

Course: Add: _____ Delete: _____
(check all that apply) Change: Number X Title _____ SCH _____ Description X Prerequisite _____
New course will be part of major _____ minor _____ as a required _____
or elective _____ course
New course will introduce _____, reinforce _____, or apply _____ concepts

If new, provide Course Prefix, Number, Title, **Measurable** Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

Program: Delete: _____ Add: _____ Change: _____ Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry. If in current online catalog, provide change and attach text with changes in red.

College Introductory Pages: Add information: _____ Change information: _____
Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Other: Add information: _____ Change information: X Attach new/changed information. If in current online catalog, provide change and attach text with changes in red. *Revision in course name, number and content to address changes in curriculum. Was formerly NURS 3314. Will be offered at both sophomore (2414 prenursing) and Junior level (3414 for RN/BSN).*

Approvals:

Chair
Department Curriculum Committee

Signature

Date

[Signature]

3-21-11

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Department

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22 March 2011

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College Curriculum Committee

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22 March 2011

Pathophysiology will become a pre-nursing course that must be passed to qualify for entry into the school of nursing. At this time up to 20% of nursing students are unsuccessful in both pathophysiology and Adult Health I when taught together. Both student and faculty evaluations indicate that having a better understanding of pathophysiology before entering nursing would give them the needed background to better understand the concepts taught in Adult Health I. Making this course a pre-requisite will provide students with the necessary background information to better understand Adult Health. Increase pathophysiology to 4 hours and include pharmacology in the course. While pharmacology is being taught throughout the curriculum the pathophysiological interactions of drugs, illness, and the human body is lacking.

NURS 2414/3414 RN/BSN Pathophysiology. Four semester hours, theory only. This course is a comprehensive study of underlying concepts common to the major pathophysiologic processes of the body. The influence of psychoneuroimmunologic mechanisms upon structure and function of the body's adaptive and compensatory needs will be explored. The interaction of age, life-style, culture, gender differences, and intrinsic and extrinsic environmental factors will be examined in relation to these psychoneuroimmunologic mechanisms. Emphasis is placed upon the pathophysiological concepts essential for understanding the rationale for preventive and therapeutic nursing interventions and medications associated with these disease processes.

Course Objectives: Upon completion of this course the student will have had opportunities to:

1. Discuss the impact of the pathophysiologic process on functional health status. (PO 1)
2. Identify principles of integration of cell, organ, system and functional whole to explain biologic and physical aspects of altered health and homeostasis. (PO 1)
3. Explore the mechanisms of disease involving the major organ systems of the body. (PO 1)
4. Explain the significance of selected laboratory and diagnostic findings as they relate to pathophysiologic concepts and diseases of major organ systems. (PO 1)
5. Compare and contrast normal organ/system functions with physiologic deviations. (PO 1)
6. Prioritize problems/needs for individuals in various cultural groups with selected pathophysiological conditions. (PO 2)
7. Analyze internal and external environmental factors that influence the development of an individual's adaptive and compensatory responses to pathophysiologic processes. (PO 2)
8. Utilize critical thinking to examine the interrelationships among psychoneuroimmunologic mechanisms and response to altered physiologic functioning and medications used to treat the disease processes. (PO 3)
9. Evaluate simulated clinical situations utilizing knowledge of medications and pathophysiology. (PO 3)
10. Demonstrate responsibility and accountability for independent learning and self evaluation. (PO 9)