

CATALOG YEAR 2013
(Please use separate form for each add/change)

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

Course: Add: X Delete: _____
(check all that apply) Change: Number _____ Title _____ SCH _____ Description _____ Prerequisite _____
New course will be part of major X minor _____ as a required X
or elective _____ course
New course will introduce X, 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
All RN to BSN courses will now have a change in course prefix from NURS to NURN, to clarify that it is for the RN to BSN track specifically.
NURN 3414 Pathophysiology and Pharmacology; course description and objectives were developed to be in line with the Texas Board of Nursing requirements for nurses returning to school to obtain a bachelor's degree.

| Approvals: | Signature | Date |
|--|--|-----------------|
| Chair Department Curriculum Committee |  | <u>01-04-13</u> |
| Chair Department |  | <u>4/7/13</u> |
| Chair College Curriculum Committee |  | <u>01-04-13</u> |
| Dean |  | <u>4/7/13</u> |

NURN 3414 Pathophysiology and Pharmacology (4 hour, theory only)

Course Description: This course is a comprehensive study of underlying concepts common to the major pathophysiologic processes of the body. Emphasis is placed upon the pathophysiological concepts essential for understanding the evidence-based rationale for safe therapeutic and preventive nursing interventions for diverse populations across the lifespan. Pharmacology and ethnopharmacology will be included in the study of the various pathophysiologic processes utilizing complex case studies. (Core complete or permission of instructor.)

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