George Mason University
Graduate Course Approval/Inventory Form

Please complete this form and attach a copy of the syllabus for new courses. Forward it as an email attachment to the Secretary of the Graduate Council. A printed copy of the form with signatures should be brought to the Graduate Council Meeting. Complete the Coordinator Form on page 2, if changes in this course will affect other units.

Please indicate:  __X___ NEW  ____ MODIFY  ____ DELETE

Local Unit:  CNHS  Graduate Council Approval Date:

Course Abbreviation:  NURS  Course Number:  513

Full Course Title: Advanced Pharmacology in Nursing

Abbreviated Course Title (24 characters max.): Adv. Pharm. Nurs.

Credit hours: 3  Program of Record: Nursing

Repeatable for Credit?  __X__ D=Yes, not within same term  Up to hours - 3
___ T=Yes, within the same term  Up to  hours
___ N=Cannot be repeated for credit

Activity Code (please indicate):  __X__ Lecture (LEC)  ___ Lab (LAB)  ___ Recitation (RCT)
 ___ Studio (STU)  ___ Internship (INT)  ___ Independent Study (IND)  ___ Seminar (SEM)

Catalog Credit Format  3 : 3 : 0  Course Level: GF(500-600)  __X__ GA(700+)

Maximum Enrollment: 20  For NEW courses, first term to be offered: Spring 2004 (as Special Topics Course)

Prerequisites or corequisites:

Catalog Description (35 words or less)  Please use catalog format and attach a copy of the syllabus for new courses.: This course provides the student with knowledge of physiologic responses and pharmacokinetic principles of pharmacologic agents that will undergird the student's learning of advanced pharmacologic concepts. Topics include advanced pharmacokinetic principles, pharmacotherapeutics of single and multiple drug regimens, client education needs, special population needs, and legal requirements for prescriptive authority.

N.B. this course does not meet the requirements for nurse practitioner majors but may be taken as an elective.

For MODIFIED or DELETED courses as appropriate:

Last term offered:  Previous Course Abbreviation:  Previous number:

Description of modification:

APPROVAL SIGNATURES:
Submitted by:  ________________________________ email: _______________
GEORGE MASON UNIVERSITY  
Course Coordination Form

**Approval from other units:**

Please list those units outside of your own who may be affected by this new, modified, or deleted course. Each of these units must approve this change prior to its being submitted to the Graduate Council for approval.

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Graduate Council approval: ____________________________ Date: __________

Graduate Council representative: ______________________ Date: __________

Provost Office representative: ________________________ Date: __________
NURS 513 Advanced Pharmacology in Nursing

Description
This course provides the student with knowledge of physiologic responses and pharmacokinetic principles of pharmacologic agents that will undergird the student's learning of advanced pharmacologic concepts. Topics include advanced pharmacokinetic principles, pharmacotherapeutics of single and multiple drug regimens, client education needs, special population needs, and legal requirements for prescriptive authority.

N.B. this course does not meet the requirements for nurse practitioner majors but may be taken as an elective.

Objectives
1. Examine the principles of pharmacokinetics and the relationship to a client's physiologic and/or pathologic response to pharmacotherapy.

2. Analyze the effects of classes of pharmacologic agents on the physiologic functioning of the client.

3. Anticipate effects of biopsychosocial factors of special populations on the results of pharmacotherapies chosen for these populations.

4. Analyze the effectiveness of single and multiple drug regimens chosen to treat client health problems from a pharmacodynamic perspective.

5. Identify factors affecting a client’s motivation and willingness to comply with a prescriptive regimen.

6. Demonstrate the ability to monitor a client’s individualized prescriptive plan and the therapeutic or adverse effects on the client’s health problem.

7. Discuss cost and safety issues of pharmacotherapeutics and effects on a client’s motivation and ability to maintain compliance with their prescriptive regimen.

8. Implement a comprehensive plan for appropriate and effective client education based on the prescriptive plan of care.

9. Identify legal requirements, including "states'-rights" issues, related to advanced practice nursing and prescriptive authority.