New Course Request

Indiana University

South Bend Campus

Check Appropriate Boxes: Undergraduate credit [X] Graduate credit [ ] Professional credit [ ]

1. School/Division: Nursing
2. Academic Subject Code: NURS
3. Course Number: K302 (must be cleared with University Enrollment Services)
4. Instructor: Janet Horvath
5. Course Title: Geriatric Pharmacology
   Recommended Abbreviation (Optional)
   (Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Fall 2003
7. Credit Hours: Fixed at 2 or Variable from ________ to ________
8. Is this course to be graded S-F (only)? Yes [ ] No [X]
9. Is variable title approval being requested? Yes [ ] No [X]

10. Course description (not to exceed 50 words) for Bulletin publication: This course examines numerous factors (e.g., poly-pharmacy, drug-to-drug interactions, developmental issues) that impact absorption, distribution, metabolism, and elimination of pharmaco-therapeutic agents in elderly persons. Students will be challenged to develop primary and secondary strategies to detect and resolve problems associated with use of these agents.

11. Lecture Contact Hours: Fixed at 2 or Variable from ________ to ________
12. Non-Lecture Contact Hours: Fixed at ________ or Variable from ________ to ________
13. Estimated enrollment: 10 of which 0 percent are expected to be graduate students.
14. Frequency of scheduling: 1 X 1 year. Will this course be required for majors? No
15. Justification for new course: Demand, relevancy to student experiences, increasing geriatric population.
16. Are the necessary reading materials currently available in the appropriate library? Yes
17. Please append a complete outline of the proposed course, and indicate instructor (if known), textbooks, and other materials.
18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant.
19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of the new course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: 

[Signature]
Department Chairman/Division Director
Date 10/15/02

Approved by: 

[Signature]
Dean
Date 10/15/02

Dean of Graduate School (when required)

[Signature]
Senator Curriculum Committee
Date 11/7/02

University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.
K492 (K302)
Geriatric Pharmacology

Course Syllabus

Fall 2002

Slyvester Barnes Pharm D
Janet Hovath R.N. M.S.N.

Indiana University School of Nursing
Indiana University South Bend
Baccalaureate Program
Indiana University School of Nursing
Baccalaureate Program

Course Syllabus
Fall

Course Number & Title: K492 Geriatric Pharmacology

Credit Hours: 2 Credits Didactic

Placement in Curriculum: Junior or Senior year

Pre-requisite Courses: Completion of Sophomore level courses

Sylvester Barnes PharmD
877-1426 Voice mail

Janet Horvath RN MSN
Northside Hall, Office 430
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E-mail: Janwal@aol.com

Course Description: This course examines numerous factors (e.g., polypharmacy, drug-to-drug interactions, developmental issues) that impact absorption, distribution, metabolism, and elimination of pharmaco-therapeutic agents in elderly persons. Students will be challenged to develop primary and secondary strategies to detect and resolve problems associated with use of these agents.

Course Outcomes:
1. Identify altered pharmacokinetics and pharmacodynamics in the elderly.
2. Identify geriatric clients "at risk" to develop problems with pharmaco-therapeutic agents and with poly-pharmacy
3. Screen medication profiles for significant drug interactions for clients taking drugs with narrow therapeutic indices or central nervous system effects.
4. Discuss specialized geriatric implications of medication administration, monitoring, and evaluation of the use of pharmaco-therapeutic agents.
5. Describe change strategies nurses may use to advocate for the elderly clients who are victim of poly-pharmacy.
6. Identify the OBRA Long-term Care Criteria for use of medications in long term facilities.

TEACHING STRATEGIES: Lecture, group discussions, case studies, and quizzes.
REQUIRED TEXTS: Class handouts, medication references

EVALUATION: Evaluation is based on an accumulation of points. Both midterm and final tests are worth 100 points each. Periodic case studies will be worth individual points depending on length.

GRADING SCALE: The following Indiana University School of Nursing grading scale applied: 97-100% +A+ 73-76%=C 93-96%=A 70-72%=C- 90-92%=A- 67-69%=D+ 87-89%=B+ 63-66%=D 83-86%=B 60-62%=D- 80-82%=B- <60% =F

COURSE OUTLINE
August 28- Course Introduction, Poly-pharmacy in the elderly
   September 4th- Gastrointestinal Pharmacology
   September 11th Orthopedic Pharmacology
   September 18th Renal and Anemia
   September 25th Cardiovascular Pharmacology
   October 2nd Cardiovascular Pharmacology
   October 9th Cardiovascular Pharmacology
   October 16th Midterm and Respiratory Pharmacology
   October 23rd Lipids and Glaucoma
   October 30th Pain
   November 6th Psychotropics/Antiepileptics
   November 13th Endocrine
   November 20th Alternative Medicine
   November 27th Antibiotic Therapy
   December 4th Case Study Review
   December 11th Final