

New Course Request

Indiana University

South Bend Campus

Check Appropriate Boxes: Undergraduate credit 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: Marta Maliszewski Date 10/15/02
Department Chairman/Division Director

Approved by: Lawrence A. Anderson Date 10/15/02
Dean

Date _____
Dean of Graduate School (when required)

Date _____
Chancellor/Vice-President

Approved Shelby R. Anderson
Senate Curriculum Committee 11/7/02

Date _____
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

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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.
 7. Review therapeutic drug doses in relation to geriatric implications.

TEACHING STRATEGIES: Lecture, group discussions, case studies, and quizzes.

REQUIRED TEXTS: Class handouts, medication references

EVALUATION: Evaluation is based of 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 20st Alternative Medicine

November 27th Antibiotic Therapy

December 4th Case Study Review

December 11th Final