

New Course Request

Indiana University

IUPUI

Campus

Check Appropriate Boxes: Undergraduate credit Graduate credit Professional credit

1. School/Division Nursing 2. Academic Subject Code Nurs

3. Course Number D737 (must be cleared with University Enrollment Services) 4. Instructor TBD

5. Course Title Inquiry II: Evidence-based Research & Translational Science

Recommended Abbreviation (Optional) _____
(Limited to 32 Characters including spaces)

6. First time this course is to be offered (Semester/Year): Spring 2011

7. Credit Hours: Fixed at 3 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: Synthesis of knowledge regarding implementation models and strategies used for translation evidence into practice is the focus of this course. Students explore organizational aspects of change influencing innovation, quality improvement, and program evaluation. Developing and preparing to implement and evaluate translational science projects is a component of this course.

11. Lecture Contact Hours: Fixed at Distance Accessible 3 or Variable from _____ to _____

12. Non-Lecture Contact Hours: Fixed at _____ or Variable from _____ to _____

13. Estimated enrollment: 20 of which 100 percent are expected to be graduate students.

14. Frequency of scheduling: Yearly Will this course be required for majors? yes

15. Justification for new course: Builds on & extends knowledge from Inquiry I. D736

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. attached

18. If this course overlaps with existing courses, please explain with which courses it overlaps and whether this overlap is necessary, desirable, or unimportant. none

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] Date 2/19/09
Department Chairman/Division Director

Approved by: [Signature] Date 2/19/09
Dean

Date _____
Dean of Graduate School (when required)

Date _____
Chancellor/Vice-President

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.

NURS D737 Inquiry II: Evidence-based Research and Translational Science

Course information | Faculty | Description | Course competencies | Texts / readings | Teaching strategies | Evaluation

Course information

- 3 credit hour course [distance accessible]
- Placement in curriculum: Post masters and admission to DNP
- Co-requisite: D749 DNP Practicum 1-3 credits

Faculty J. Burrage and ME Riner

Course Description:

Synthesis of knowledge regarding implementation models and strategies used for translating evidence into practice is the focus of this course. Students explore organizational aspects of change influencing innovation, quality improvement, and program evaluation. Developing and preparing to implement and evaluate a translational science project is a component of the course.

Course Competencies:

1. Students will critique and apply theoretical, conceptual, and operational perspectives relative to translational science as a basis for developing a project proposal.
2. Write an integrated review of the literature that addresses key components of the project proposal.
3. Review and critique multiple evaluation strategies for incorporation into the plan.
4. Project how the evaluation results will be utilized and disseminated.
5. Utilize reflective practice concepts in understanding and implementing the role of change agent.
6. Project IRB application submitted to IUPUI Institutional Review Board.

Course Content Topical Outline

1. Organizational Change Theory
 - A. Decision Makers Guide to Adopting Innovation(s)
 - B. Change and Innovation: Utilization of Reflective practice concepts
2. Mid Range Theory to inform project
 - A. Communication Theories
 - B. Behavioral Theories
 - C. Systems Theories
3. Translational Science Models
 - A. Translational Science: Conceptual Overview
 - B. Core Implementation Components
 1. Staff Selection
 2. Staff Training
 3. Staff Coaching
 4. Evaluation and Fidelity
 4. Evaluation models
 - A. Designing Performance Monitoring Systems and Evaluation Studies
 - B. Data Collection Procedures
 - C. Analyzing Evaluation Data
 - D. Getting Evaluation Results Used
 1. Further Implementation
 2. Dissemination

Required Texts

Students are expected to build their own bibliography and to read deeply and widely related to their Doctoral of Nurse Practice project.

Wholey, J., Hatry, H., Newcomer, K. (Eds). (2004) *Handbook of Practical Program Evaluation* 2nd Ed. Josey Bass Co., San Francisco, CA.

Brach, C., Lenfestey, N., Roussel, A., Amoozegar, J., Sorensen, A. (2008). *Will It Work Here? A Decisionmaker's Guide to Adopting Innovations*. Rockville, MD: Agency for Healthcare Research and Quality., U.S. Department of Health and Human Services.

Fixsen, D. L., Naoom, S. F., Blase, K. A., Friedman, R. M. & Wallace, F. (2005). *Implementation Research: A Synthesis of the Literature*. Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute, The National Implementation Research Network (FMHI Publication #231).
<http://nirn.fmhi.usf.edu>

Teaching Strategies

Web-based interaction
Negotiated learning contracts
Self-directed learning assignments
Online discussion forums
Reflective self-analysis
Student-clinical mentor-faculty conferences

Evaluation and Grading

There are several evaluation methods for this course. The course grade will be calculated in consultation with the clinical mentor and based on the school of nursing grading scale:

- | | |
|--------------------------------------------------------|------------|
| 1. Organizational assessment | 20 percent |
| 2. DNP project implementation and evaluation plan | 60 percent |
| 3. Participate in discussion forums (graded by rubric) | 10 percent |
| 4. Reflective narrative related to inquiry project | 10 percent |

Letter grades are calculated based on the School of Nursing Grading Scale below. Attainment of an average of B- is required to successfully pass the course.

A+ 97 - 100 B+ 87 - 89 C+ 77 - 79 D+ 67 - 69 F Below 60

A 93 - 96 B 83 - 86 C 73 - 76 D 63 - 66

A- 90 - 92 B- 80 - 82 C- 70 - 72 D- 60 - 62

Academic Integrity:

This course complies with Indiana University School of Nursing policies and standards, and those delineated in the *IU Code of Student Rights, Responsibilities, and Conduct*:
<http://www.dsa.indiana.edu/Code/> and
http://www.dsa.indiana.edu/Code/Part_2acad.html.

Americans with Disabilities Act:

If you need any special accommodations due to a disability, please contact Adaptive Educational Services at (317)-274-3241. The office is located in CA 001E.