New Course Request

Check Appropriate Boxes: Undergraduate credit □ Graduate credit □ Professional credit X

1. School/Division: Business
2. Academic Subject Code: BUS
3. Course Number: I-543 (must be cleared with University Enrollment Services)
4. Instructor:
5. Course Title: Decision Support Systems/Quantitative Analysis

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

6. First time this course is to be offered (Semester/Year): 4098
7. Credit Hours: Fixed at ________ 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: In this course, we enhance the student's statistical and mathematical modeling skills covering the following topics: (1) probabilistic decision making, (2) regression analysis, (3) forecasting, (4) simulation with @RISK, (5) optimization modeling with the EXCEL Solver, (6) making decisions when multiple objectives are involved, and (7) using neural networks to improve forecasting. Applications from all major functional areas will be discussed.

11. Lecture Contact Hours: Fixed at ________ or Variable from ________ to ________
12. Non-Lecture Contact Hours: Fixed at ________ or Variable from ________ to ________
13. Estimated enrollment: ________ of which ________ percent are expected to be graduate students.
14. Frequency of scheduling: yearly X Will this course be required for majors? ________
15. Justification for new course: Indianapolis version. Equivalent to Buakd-C 520
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: ___________________________ Date: 4-16-09
Department Chairman/Division Director

Approved by: ___________________________ Date: 4/20/09
Dean

Dean of Graduate School (when required) Date

Chancellor/Vice-President Date

University Enrollment Services Date

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.

UPS 724 University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow; Department/Division—Pink; University Enrollment Services Advance—White