New Course Request  Indiana University

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

1. School/Division  Business & Economics  2. Academic Subject Code  BUS

3. Course Number  8310  (must be cleared with University Enrollment Services)  4. Instructor  

5. Course Title  Systems Analysis and Design

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

6. First time this course is to be offered (Semester/Year):  Spring 2004

7. Credit Hours: Fixed at  3.0  or Variable from  ________ to  ________

8. Is this course to be graded S-F (only)? Yes [X] No  

9. Is variable title approval being requested? Yes [X] No  

10. Course description (not to exceed 50 words) for Bulletin publication:  See Attached

11. Lecture Contact Hours: Fixed at  3.0  or Variable from  ________ to  ________

12. Non-Lecture Contact Hours: Fixed at  0  or Variable from  ________ to  ________

13. Estimated enrollment:  25 - 30  of which  ________ percent are expected to be graduate students.

14. Frequency of scheduling:  Twice a year  Will this course be required for majors?  Yes 

15. Justification for new course:  Concentration

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]  Date 3/10/03

Department Chairman/Division Director

Dean of Graduate School (when required)  Date

Approved by:

[Signature]  Date 3/10/03

Dean

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.

B 81 62000 UPS 724  University Enrollment Services Final—White; Chancellor/Vice-President—Blue; School/Division—Yellow;
Department/Division—Pink; University Enrollment Services Advance—White
S310 Systems Analysis and Design (3 cr.) P: F301, M301, P301; S307 or concurrent. Analysis of an organization and the subsequent design of computer systems to meet business requirements are at the heart of the computer information systems (CIS) field. This is the first in a two-course sequence with S410 that addresses the multi-phased process for developing information systems. Courses follow the system's development life cycle, although alternative methodologies are also covered. This first course covers the phases from information systems planning through the specification of structured system requirements in functional form (i.e., logical system design) and concentrates on methods, techniques, and tools used to determine information requirements and to document these requirements in a thorough and unambiguous form. Also introduces computer-aided software engineering (CASE) technology. Students learn the discipline of systems analysis and logical design through a hypothetical case situation.