New Course Request

Indiana University

Campus

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

1. School/Division: Mathematics/NSM

2. Academic Subject Code: INFO

3. Course Number: 1201 (must be cleared with University Enrollment Services)

4. Instructor: Jayznya/Stager

5. Course Title: Mathematical Foundations of Information

Recommended Abbreviation (Optional) (Limited to 32 characters including spaces): Spring 2011 (412)

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

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:

   An introduction to the suite of mathematical and logical tools used in information sciences, including finite mathematics, automata and computability theory, elementary probability and statistics, and basics of classical information theory.

   Prerequisites: INFO-1101, MATH-2118

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: Every Year. Will this course be required for majors? Yes ___

15. Justification for new course: Retrieval from master catalogue

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:

Department Chairman, Donald Greene

Dean of Graduate School (when required)__________________________

Approved by:

Date 4/15/10

Dean of University Enrollment Services

Date 4/15/10

University Enrollment Services

Date 5/20/10

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/Vice President.