New Course Proposal

The University Of Toledo

NEW COURSE PROPOSAL

* denotes required fields

1. College*: Nursing
   Department*: College of Nursing

2. Contact Person*: Susan Sochacki
   Phone: 419-383-5806 (xxx-xxxx) Email: susan.sochacki@utoledo.edu

3. Alpha/Numeric Code (Subject area - number)*: IINDI
   If this is a renumbering, please request an electronic copy of the old course approval through the Register's Office at x4865, and attach it to #15 in this form. Remember to delete the old course ID in #13.

4. Proposed title*: Introduction to Biostatistical Methods
   Proposed effective term: F 2012

5. Planned enrollment per section: 10          per term: 10

6. Is the course cross-listed with another academic unit?  Yes  No
   Is the course offered at more than one level?  Yes  No
   If yes to either question, please list additional Alpha/Numeric codes, and submit a separate New Course form or Course Modification form for the course(s) referenced below.

   a. course code
   b. course code
   c. course code

   Approval of other academic unit (signature)

   Name and title

   If course is to be offered at more than one level, attach an explanation of the different requirements that students must meet for each level. If the requirements are the same for each level, justification must be provided.

7. Credit hours*: Fixed: 3 or Variable: to

8. Delivery Mode*: Primary*          Secondary          Tertiary
   a. Activity Type†                  * Lecture
      b. Minimum Credit Hours          * 3
      Maximum Credit Hours            * 3
      c. Weekly Contact Hours         * 3

   †Choices are: Lecture, Recitation, Seminar, Regular Lab, Open Lab, Studio, Clinic, Field, Independent Study, Workshop, Computer Assisted Instruction, Other

9. Terms offered:  Fall  Spring  Summer
   Years offered:  Every Year  Alternate Years

10. Are students permitted to register for more than one section during a term?  No  Yes
    May the courses be repeated for credit?  No  Yes  Maximum Hours

11. Grading System*: Undergraduate  Graduate

http://curriculumtracking.utoledo.edu/NewCourse.asp
12. Prerequisites (must be taken before): a. _______ b. _______ c. _______
   ○ PIN (Permission From Instructor) ○ PDP (Permission From Department)

Co-requisites (must be taken together): a. _______ b. _______ c. _______

13. If course is to replace an existing course(s) will be deleted, and when should that deletion occur?
   Course to be removed from inventory: a. _______ b. _______ c. _______
   Final Term to be offered: _______ (YYYYT, i.e., use 20064 for Fall '06)

14. Catalog description* (30 words Maximum)
   See attached

15. Attach an electronic copy of a complete outline of the major topics covered.
   Syllabus: * [Browse...]
   Additional Attachment 1: [Browse...]
   Additional Attachment 2: [Browse...]

16. Where does this course fit in the University/College/Department curriculum? (Be specific by course level, if applicable). Indicate prospective demand.
   First semester in BSN-DNP program
   PROPOSE DUAL NUMBERING INDI 6000/8000 to meet the needs of the Masters program (INDI 6000) and the BSN-DNP program (INDI 8000).

17. If the proposed course is similar to another course in the College or University, please describe the difference and provide a rationale for the duplication. (If this course duplicates material covered in another course within your department or college or in another college, attach a letter of endorsement from that area's dean and department chairperson indicating their support. Clarify the manner in which this course will differ).

18. If the course is intended to meet a University Undergraduate Core requirement, complete the following and submit a course syllabus using the template:
   Please explain how this course fulfills the general education guidelines. (Guidelines are available in Faculty Senate Website)

Course Approval:
Department Curriculum Authority: ____________________________ Date: ____________
Department Chairperson: ____________________________ Date: ____________
After college approval, submit the original signed form to the Faculty Senate (UH 3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH3240). For undergraduate/graduate dual-level courses, submit the proposals to each office.

Faculty Senate Undergrad. Curriculum Comm.:  
Faculty Senate Core Curriculum Comm.:  
Graduate Council:  
Office of the Provost:  
Registrar's Office:

You will see a confirmation page after you press the "Submit" button. If you do not see the confirmation page, please call x 4320 or send an email to ProvostWebMaster.utoledo.edu. Thanks.
INDI 6000/8000 Introduction to Biostatistical Methods

COURSE LOCATION AND CLASS TIMES: TBA

PREREQUISITES:
Master's Program = none

BSN-DNP Program = admission to the BSN-DNP program

FACULTY: TBA

CATALOG DESCRIPTION: An introduction to statistical reasoning with an overview of selected descriptive and inferential statistics commonly used in healthcare research. Computer analysis of data will be included.

CREDIT ALLOCATION: 3 Credit hours: 3 Theory hours

COURSE OBJECTIVES:
1. Describe assumptions and uses of parametric and non-parametric statistics.
2. Analyze distributions for normality.
3. Apply appropriate statistical methods to research situations.
4. Interpret statistical results clearly and appropriately.
5. Utilize a computerized statistical package to analyze data.
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Teaching Strategies:
Presentations, discussion, hands-on sessions with computers in the class room including real-world applications whenever possible, practice problems (using SPSS) followed by the answers, and finally assignments to complete independently. Additional reading assignments, generally excerpts from the professional literature, will be incorporated in order to help the learner to apply the content and further their critical analysis skills.

Evaluation: There will be three quizzes during the course each comprising 15% of the grade (45% total). In addition, the learner will be expected to complete and submit the assignments. The performance on these assignments will comprise 55% of the grade in the course.

Doctoral students, in addition to the requirements listed will be required to complete a data analysis on a topic approved by the faculty member and must receive a grade of satisfactory.

Grading:
90 - 100 points A
80 - 89 points B
70 - 79 points C
60 - 69 points D
Less than 60 points F
**Required Texts/Software**

The following textbook is required for completion of the course. Books can be obtained through the University Bookstore or can be ordered online from the publisher or amazon.com for example.


Access to SPSS version (available on the UT Campus and through the virtual lab) will be necessary for completing the required assignments.