New Course Proposal

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Page 1 of 3

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DEC 3 0 2011

COLLEGE OF
GRADUATE STUDIES

The University Of Toledo

NEW COURSE PROPOSAL

* denotes required fields

1. College*:
   --Select a College-- MEDICINE

   Department*:
   --Select a Department-- BPG PROGRAM

Level (check one)*
- ○ Undergraduate
- ◉ Graduate

Will this course impact program requirements? ○ Yes ◉ No   If yes, a Program Modification must be completed.

Type of course (check all that apply):
- ☐ Academic Skills Enhancement
- ☐ Writing Intensive (WAC)
- ☐ Honors
- ☐ Univ. Core: ○ English ○ Hum ○ Math ○ Nat. Sciences ○ Social Sciences
- Multicultural: ○ Diversity of US Culture ○ Non-US Culture
- ☐ Transfer module: ○ Arts&Hum ○ Engl ○ Math ○ Nat Sci & Phys ○ Soc Sci

(to be considered as core curriculum, question 18 must be completed)

2. Contact Person*: Robert Blumenthal, PhD   Phone: 419-383-5422   (XXX - XXXX)   Email: robert.blumenthal@utoledo.edu

3. Alpha/Numeric Code (Subject area - number)*:

   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*: Thesis in Bioinformatics

   Proposed effective term: Fall 2012

5. Planned enrollment per section: per term: 5

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. BIPG   - 999 699 PAR, 01/25/12 per Bob Blumenthal

   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.

Administrative Use Only

Code: [   ]

Approved (senate or Grad Council) [   ]

Effective Date: [   ] / [   ] / [   ] (mm/dd/yyyy)

CIP Code: [   ]

Sub: [   ]   Prog: [   ]   Level: [   ]

7. Credit hours*:   Fixed: or   Variable: 1   to 15

8. Delivery Mode: Primary*   Secondary   Tertiary

   a. Activity Type†   * Independent Stud   [   ]   [   ]

   b. Minimum Credit Hours   * 1

      Maximum Credit Hours   * 15

   c. Weekly Contact Hours   * 1-10

   †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

Undergraduate:
- ◯ Normal Grading (A-F,PS/NC.PR, I)
- ◯ Passing Grade/No Credit (A-C, NC)
- ◯ Credit/No Credit
- ◯ Grade Only (A-F, PR, I)
- ◯ Audit only
- ◯ No Grade

Graduate:
- ◯ Normal Grading (A-F,PS/NC.PR, I)
- ◯ Grade Only (A-F)
- ◉ Satisfactory/Unsatisfactory (G only)
- ◯ Audit only
- ◯ No Grade

12. Prerequisites (must be taken before): a. [   ] - [   ] b. [   ] - [   ] c. [   ] - [   ]

   ◉ PIN (Permisson From Instructor)   ◯ PDP (Permission From Department)   [Reset]

   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	Final Term to be offered (YYYYT. i.e. use 20064 for Fall'06)
a. [ ] - [ ]	[ ]
b. [ ] - [ ]	[ ]
c. [ ] - [ ]	[ ]
d. [ ] - [ ]	[ ]

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.

   See (17)

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).

   This is simply to harmonize with the policy of other MSBS programs, to have students register for track-specific thesis research rather than an INDI course.

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*)

   N/A

Course Approval:

Department Curriculum Authority: [signature]   Date Mont~~h~~ / Day / 2011

Department Chairperson: [signature]   Date Month / Day / 2011

College Curriculum Authority: [signature]   Date Month / Day / 2011

College Dean: [signature]   Date Month / Day 22 / Year

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.:   [   ]   Date Month / Day / Year

Faculty Senate Core Curriculum Comm.:   [   ]   Date Month / Day / Year

Graduate Council: [signature]   Date Month / Day 24 / Year 2012

Office of the Provost: [   ]   Date Month / Day / Year

Registrar's Office: [   ]   Date Month / Day / Year

[Submit New Course Proposal]

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.

699
BIPG999 Thesis in Bioinformatics

Research in bioinformatics, or interdisciplinary investigation of biomedical problems with significant bioinformatic components. This research is at the masters level, leading to completion of a scientific project for presentation as a thesis. May be repeated for credit.