The University Of Toledo

NEW COURSE PROPOSAL

* denotes required fields

1. College*: MEDICINE
   Department*: BPG PROGRAM

2. Contact Person*: Robert Blumenthal, PhD
   Phone: 419-383-5422
   Email: robert.blumenthal@utoledo.edu
   Proposed title*: Thesis in Bioinformatics
   Proposed effective term: Fall 2012

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

4. 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)

5. Planned enrollment per section: ( ) per term: 5

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

7. Terms offered:
   ☑ Fall ☑ Spring ☑ Summer
   Years offered: ☑ Every Year  ☑ Alternate Years

8. Delivery Mode:
   Primary*: 
   Secondary: 
   Tertiary:
   a. Activity Type*: Independent Stud.
   b. Minimum Credit Hours: 1
   c. Maximum Credit Hours: 15
   Weekly Contact Hours: 1-10

9. 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

Administrative Use Only

Code: ____________________________
Approved (senate or Grad Council): ____________________________
Effective Date: [ ] [ ] [ ] (mm/dd/yyyy)
CIP Code: ____________________________
Sub: ____________________________  Prog: ____________________________  Level: ____________________________

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

mhtml:file://C:\Documents and Settings\gray\Desktop\jg\Thesis in Bioinformatics_New Course ...  12/12/2011
11. Grading System*:
   - 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 (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
   - 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:
   Additional Attachment 1:
   Additional Attachment 2:

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:
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 (UH 3340). For undergraduate/graduate dual-level courses, submit the proposals to each office.

<table>
<thead>
<tr>
<th>Department Curriculum Authority:</th>
<th>Date Month / Day / Year</th>
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<tbody>
<tr>
<td>Department Chairperson:</td>
<td>Date Month / Day / Year</td>
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<tr>
<td>College Curriculum Authority:</td>
<td>Date Month / Day / Year</td>
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<tr>
<td>College Dean:</td>
<td>Date Month / Day / Year</td>
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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.
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.