Document N: Course and Program Development:

IMPACT AND APPROVAL SIGNATURES

See Course and Program Development Policy and Procedures (www.ubalt.edu/provost) for instructions.

SCHOOL:  
- LAW  
- MSB  
- CAS  
- CPA

CONTACT NAME: Kathryn Summers  
PHONE: x6202

DEPARTMENT/DIVISION: Science, Information Arts, & Technology  
DATE PREPARED: 12/12/12

PROPOSED SEMESTER OF IMPLEMENTATION:  
- fall  
- spring  
YEAR: 2013

TYPE OF ACTION:  
- add (new)  
- deactivate  
- modify  
- other

LEVEL OF ACTION:  
- noncredit  
- undergraduate  
- graduate  
- other

ACTION BEING REQUESTED (select one category, either Course Actions or Program Actions):

- COURSE ACTIONS
  - Original Subject Code/Course Number:
    - IDIA 742
  - Original Course Title:
    - Topics in User Research

Select one or multiple actions from one of the lists below (review the list of necessary documents and signatures):

- PROGRAM ACTIONS
  - Original Program Title:

- COURSE ACTIONS
  1. Experimental Course
  2. Course Title
  3. Course Credits
  4. Course Number
  5. Course Level
  6. Pre- and Co-Requisite
  7. Course Description
  8. New Course
  9. Deactivate Course
  10. Other

- PROGRAM ACTIONS
  10. Program Requirements
  11a. Undergraduate Specialization (24 credits or fewer)
  11b. Master's Specialization (12 credits or fewer)
  11c. Doctoral Specialization (18 credits or fewer)
  12. Minor (add or delete)
  13. Closed Site Program
  14. Program Suspension
  15. Program Reactivation
  16a. Certificate Program (UG/G) exclusively within existing degree program
  16b. Certificate Program (UG/G) outside of or across degree programs (12 or more credits)
  17. Off-Campus Delivery of Existing Programs
  18a. Undergraduate Concentration (exceeds 24 credits)
  18b. Master's Concentration (exceeds 12 credits)
  18c. Doctoral Concentration (exceeds 18 credits)
  19. Program Title Change
  20. Program Termination
  21. New Degree Program
  22. Other

ADDITIONAL DOCUMENTATION (check all appropriate boxes of documents included; review the list of necessary documents):

- summary proposal (O)  
- course definition document (P)  
- full five-page MHEC proposal (Q)

- financial tables (MHEC) (R)  
- other documents as may be required by MHEC/USM (S)  
- other (T)

Summer 2010
**IMPACT REVIEW** (review the list of necessary signatures):

<table>
<thead>
<tr>
<th>Impacted Entity</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Library</td>
<td></td>
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<tr>
<td>b. OTS</td>
<td></td>
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<tr>
<td>c. University Relations</td>
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<td>d. Admissions</td>
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<td>e. Records</td>
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<tr>
<td>q no impact</td>
<td>![Signature]</td>
<td>![Date]</td>
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<tr>
<td>q impact statement attached</td>
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**APPROVAL SEQUENCE** (review the list of necessary signatures):

<table>
<thead>
<tr>
<th>Approval Level</th>
<th>Signature</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>A. Department/Division (Chair)</td>
<td>![Signature]</td>
<td>![Date]</td>
</tr>
<tr>
<td>B. General Education (for No. 7, 8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Final Faculty Review Body Within Each School (Chair)</td>
<td>![Signature]</td>
<td>![Date]</td>
</tr>
<tr>
<td>D. Dean</td>
<td>![Signature]</td>
<td>![Date]</td>
</tr>
<tr>
<td>E. University Faculty Senate (Chair)</td>
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</tr>
<tr>
<td>F. University Council (Chair)¹</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Provost and Senior Vice President for Academic Affairs</td>
<td>![Signature]</td>
<td>![Date]</td>
</tr>
<tr>
<td>H. President</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Board of Regents (notification only)</td>
<td></td>
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<tr>
<td>J. Board of Regents (approval)</td>
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<tr>
<td>K. MHEC (notification only)</td>
<td></td>
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<tr>
<td>L. MHEC (approval)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. Middle States Association notification</td>
<td>Required only if the University’s mission is changed by the action</td>
<td></td>
</tr>
</tbody>
</table>

¹ University Council review (for recommendation to the president or back to the provost) shall be limited to curricular or academic policy issues that may potentially affect the University's mission and strategic planning, or have a significant impact on the generation or allocation of its financial resources.
Document O: Course and Program Development: SUMMARY PROPOSAL

See Course and Program Development Policy and Procedures (www.ubalt.edu/provost) for instructions.

SCHOOL: LAW MSB CAS CPA

CONTACT NAME: Kathryn Summers PHONE: x6202

DEPARTMENT/DIVISION: Science, Information Arts, & Technology DATE PREPARED: 12/12/12

PROPOSED SEMESTER OF IMPLEMENTATION: fall spring YEAR: 2013

ACTION BEING REQUESTED (select one category, either Course Actions or Program Actions):

- COURSE ACTIONS
- PROGRAM ACTIONS

Original Subject Code/Course Number: 

Original Course Title: 

Select one or multiple actions from one of the lists below (review the list of necessary documents and signatures):

**COURSE ACTIONS**

1. Experimental Course
2. Course Title
3. Course Credits
4. Course Number
5. Course Level
6. Pre- and Co-Requisite
7. Course Description
8. New Course
9. Deactivate Course
10. Program Requirements
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19. Program Title Change
20. Program Termination
21. New Degree Program
22. Other

**PROGRAM ACTIONS**

For changes to existing courses:

<table>
<thead>
<tr>
<th>OLD TITLE</th>
<th>SUBJECT CODE/COURSE NO.</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>Topics in User Research</td>
<td>IDIA 742</td>
<td>3</td>
</tr>
</tbody>
</table>

Summer 2010
Describe the requested course/program action (additional pages may be attached if necessary):

Create a new course: IDIA 742: Topics in User Research

Set forth the rationale for this proposal:

Students in the user research area of focus of the MA program in Interaction Design and Information Architecture and DS program in Information and Interaction Design need an advanced course in user research methods.

The topic of this course will vary, based on faculty interests and student needs. Planned topics include eye-tracking research, quantitative comparative usability studies, and metaphor elicitation through image collaging sessions.
1. DATE PREPARED

12/12/12

2. PREPARED BY

Kathryn Summers

3. DEPARTMENT/DIVISION

Science, Information Arts, & Technology

4. COURSE NUMBER(S) with SUBJECT CODE(S)

IDIA 742

5. COURSE TITLE

Topics in User Research

6. CREDIT HOURS

3

7. CATALOG DESCRIPTION

Intensive exploration of topics in user research of mutual interest to students and faculty. Content varies depending on the interests of faculty and students. Course may be repeated for credit when topic changes. Lab fee required. Prerequisite: PBOS 660 or passing score on the hypermedia proficiency exam in addition to IDIA 642

8. PREREQUISITES

PBOS 660 or passing score on the hypermedia proficiency exam; IDIA 642

9. COURSE PURPOSE (how the course is to be used in the curriculum; e.g., required for the major, elective, etc.)

elective

10. GENERAL EDUCATION AREA (if applicable; e.g., social sciences, humanities, mathematics, etc.)


11. COURSE TYPE/COMPONENT (clinical, continuance, discussion, field studies, independent study, laboratory, lecture, practicum, research, seminar, supervision, thesis research, tutorial or workshop; this must match PeopleSoft 9.0 coding, so check with your dean's office if you are unsure of the correct entry)

lecture

12. FACULTY QUALIFIED TO TEACH COURSE

Lucy Holman, Kathryn Summers, Deborah Kohl

13. CONTENT OUTLINE

1. Eye tracking methods and data
2. Experiment design
3. Special populations (two weeks)
4. Dealing with eye tracking data
5. AOI’s and attention maps
6. Scanpaths
7. Statistical analysis (three weeks)
8. Designing individual projects (three weeks)

14. LEARNING GOALS
Design experiments that will generate eye tracking data that is meaningful and accurate
Demonstrate an understanding of the factors that make eyetracking data meaningful in a variety of situations
Perform basis statistical analysis of eyetracking data
Present data-driven findings and recommendations for a variety of research projects

15. ASSESSMENT STRATEGIES
Papers, research reports, presentations

16. SUGGESTED TEXT(S) and MATERIALS (e.g. textbooks, equipment, software, etc., that students must purchase)

17. SPECIAL GRADING OPTIONS (If applicable) NONE

18. SUGGESTED CLASS SIZE
20

19. LAB FEES (if applicable)
$65. Laboratory fees cover additional instructional costs incurred in the operation of a usability laboratory necessary for teaching this course and for students’ preparation of classwork, including maintenance and routine upgrades to software and hardware, as well as the renewal of yearly software licenses.