



**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: PHONE:

DEPARTMENT/DIVISION: DATE PREPARED:

PROPOSED SEMESTER OF IMPLEMENTATION: fall spring YEAR:

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

PROGRAM ACTIONS

Original Subject Code/Course Number:

Original Program Title:

Original Course Title:

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

COURSE ACTIONS	
<input type="checkbox"/>	1. Experimental Course
<input type="checkbox"/>	2. Course Title
<input type="checkbox"/>	3. Course Credits
<input type="checkbox"/>	4. Course Number
<input type="checkbox"/>	5. Course Level
<input type="checkbox"/>	6. Pre- and Co-Requisite
<input type="checkbox"/>	7. Course Description
<input checked="" type="checkbox"/>	8. New Course
<input type="checkbox"/>	9. Deactivate Course
<input type="checkbox"/>	22. Other

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


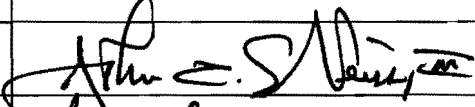
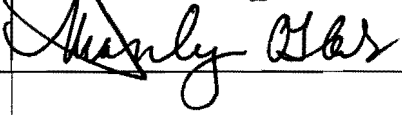
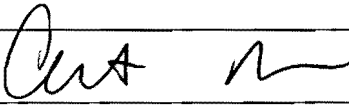
ADDITIONAL DOCUMENTATION (check all appropriate boxes of documents included; review the list of necessary documents):

- 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)

IMPACT REVIEW (review the list of necessary signatures):

Impacted Entity	Signature	Date
a. Library <input type="checkbox"/> no impact <input type="checkbox"/> impact statement attached		
b. OTS <input type="checkbox"/> no impact <input type="checkbox"/> impact statement attached		
c. University Relations <input type="checkbox"/> no impact <input type="checkbox"/> impact statement attached		
d. Admissions <input type="checkbox"/> no impact <input type="checkbox"/> impact statement attached		
e. Records <input type="checkbox"/> no impact <input type="checkbox"/> impact statement attached		

APPROVAL SEQUENCE (review the list of necessary signatures):

Approval Level	Signature	Date
A. Department/Division (Chair)		12/5/13
B. General Education (for No. 7, 8)		
C. Final Faculty Review Body Within Each School (Chair)		12/11/13
D. Dean		12/5/13
E. University Faculty Senate (Chair)		
F. University Council (Chair) ¹		
G. Provost and Senior Vice President for Academic Affairs		7-2-14
H. President		
I. Board of Regents (notification only)		
J. Board of Regents (approval)		
K. MHEC (notification only)		
L. MHEC (approval)		
M. Middle States Association notification	Required only if the University's mission is changed by the action	

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: PHONE:

DEPARTMENT/DIVISION: DATE PREPARED:

PROPOSED SEMESTER OF IMPLEMENTATION: fall spring YEAR:

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

COURSE ACTIONS

PROGRAM ACTIONS

Original Subject Code/Course Number:

Original Program Title:

Original Course Title:

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

COURSE ACTIONS	
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<input checked="" type="checkbox"/>	8. New Course
<input type="checkbox"/>	9. Deactivate Course
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<input type="checkbox"/>	15. Program Reactivation
<input type="checkbox"/>	16a. Certificate Program (UG/G) exclusively within existing degree program
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<input type="checkbox"/>	19. Program Title Change
<input type="checkbox"/>	20. Program Termination
<input type="checkbox"/>	21. New Degree Program
<input type="checkbox"/>	22. Other

For changes to existing courses:

OLD TITLE	<input type="text"/>	SUBJECT CODE/COURSE NO.	<input type="text"/>	CREDITS	<input type="text"/>
NEW TITLE	<input type="text"/>	SUBJECT CODE/COURSE NO.	<input type="text"/>	CREDITS	<input type="text"/>

DESCRIBE THE REQUESTED COURSE/PROGRAM ACTION (additional pages may be attached if necessary):

Add a new course for the required MBA core effective Fall 2014; OPRE 605 (1.5 credit hours) - Business Analytics

SET FORTH THE RATIONALE FOR THIS PROPOSAL:

New course for MBA redesign. See MBA program change documents for description of redesigned MBA program.



DOCUMENT P: COURSE DEFINITION

See Course and Program Development Policy and Procedures (<http://www.ubalt.edu/template.cfm?page=257>) for instructions.

1. DATE PREPARED – 11/25/2013

2. PREPARED BY – Danielle C. Fowler, Ph.D

3. DEPARTMENT/DIVISION – Information Systems and Decision Science

4. COURSE NUMBER(S) with SUBJECT CODE(S) – OPRE 605

5. COURSE TITLE – Business Analytics

6. CREDIT HOURS – 1.5

7. CATALOG DESCRIPTION - Explores business analytics and its applications to management decision-making for a range of business situations. Covers problem structuring; big data; data mining; optimization; computer simulation; decision analysis; and predictive modeling

8. PREREQUISITES – OPRE 505, OPRE 506 or permission of the M.B.A. program director.

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

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 – Academically qualified faculty

13. CONTENT OUTLINE –

Date	Topics	Readings	Assignments
Week 1	Introduction to Business Analytics	Chapter 1	Assignment 1
Week 2	Analytics on Spreadsheets	Chapter 2	Assignment 2
Week 3	Predictive Modeling and Analysis	Chapter 8	Assignment 3
Week 4	Simulation and Risk Analysis	Chapter 11	Assignment 4
Week 5	Introduction to Data Mining	Chapter 12	Assignment 5
Week 6	Linear Optimization	Chapter 13	Assignment 6
Week 7	Final Exam		

14. LEARNING GOALS –

- Appraise the role of business analytics in organizations, the decision making life cycle in business, model building techniques, model solving techniques, interpretation of results from business models and cutting edge business analytics tools
- Formulate business problem, choose theoretical framework and decide appropriate decision modeling techniques for given business management situations, assess the limitations of models and the appropriateness of modeling environments
- Apply predictive modeling to transform data into predictive insights to guide the decision making process and reach improved business outcomes.
- Propose and build optimization and simulation models as effective business decision making procedures for managerial decision making.
- Integrate critical thinking, problem solving and communication skills in the assessment of real world business situations to transform data into models, solve them, and convey findings in a business professional manner.

15. ASSESSMENT STRATEGIES –

- Assignments and case analysis
- Forum discussion
- Final exam

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

James Evans, Business Analytics, 1st edition, 2013, Pearson Education

17. SPECIAL GRADING OPTIONS (if applicable)**18. SUGGESTED CLASS SIZE – Maximum 30****19. LAB FEES (if applicable)**