

Soave, Melissa

Subject: FW: CAA Q2S Proposal Status Addition

From: Elliot Slotnick [<mailto:slotnick.1@gradsch.ohio-state.edu>]
Sent: Sunday, October 02, 2011 5:46 PM
To: Soave, Melissa; Mangum, Stephen; Smith, Randy; kay.wolf@osumc.edu
Cc: Leslie Alexander; James Cogdell; Elliot Slotnick; Dena Myers
Subject: RE: CAA Q2S Proposal Status Addition

All,

The SMB track proposal has recently been confirmed by CAA that it is in their workflow. Let me confirm that this proposal has the endorsement of our Curriculum Committee.

Regarding the MBLE proposal referenced below, it is showing on Jim's memo as being at the Graduate School. I reviewed the proposal today and can release it for CAA review and approval. While there is a significant increase in the credit hours required in this degree program from its original delivery just a few years ago, it does appear that the added hours make a good deal of sense and are in direct response to feedback the Fisher College has received from those who are in need of and work with their MBLE students. This is a very clear and thoroughly documented proposal, As Steve indicates below, the necessary endorsement letter from Engineering has now been submitted.

Best,
elliot

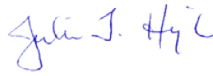


Department of Integrated Systems Engineering

210 Baker Systems Building
1971 Neil Avenue
Columbus, OH 43210-1217

Phone (614) 292-6239

Fax (614) 292-7852

To: Office of Academic Affairs
From: Julia L. Hagle, ISE Department Chair 
Date: June 14, 2011
Re: Master of Business Logistics Engineering, Semester Conversion

The faculty of Integrated Systems Engineering has reviewed the conversion plan for the Master of Business Logistics Engineering (MBLE), a degree program offered in collaboration between the Fisher College of Business and the College of Engineering. The challenges associated with collaborative and interdisciplinary degree programs such as the MBLE, in which required and elective courses are offered by multiple units, exceed those associated with traditional degree programs. Communication among representatives of the affiliated programs is necessary to ensure that elective courses combine with required courses to provide a “value added” educational experience for all students. This communication has been consistently strong since the inception of the program, and will undoubtedly continue.

The proposed program revision has been reviewed and discussed during multiple ISE faculty meetings. It has been approved by a unanimous and affirmative vote of the ISE faculty. In agreement with the decision of the faculty, I recommend its approval. I continue to believe that this collaboration between the College of Business and the College of Engineering equips our students with a unique combination of skills, and our alumni are well-positioned to meet the demands of this challenging field.

Status: PENDING

PROGRAM REQUEST
Business Logistics Engineering

Last Updated: McCaul Jr, Edward Baldwin
07/06/2011

Fiscal Unit/Academic Org	Business Administration - D1000
Administering College/Academic Group	Business
Co-administering College/Academic Group	Engineering
Semester Conversion Designation	Re-envisioned with significant changes to program goals and/or curricular requirements (e.g., degree/major name changes, changes in program goals, changes in core requirements, structural changes to tracks/options/courses)
Current Program/Plan Name	Business Logistics Engineering
Proposed Program/Plan Name	Business Logistics Engineering
Program/Plan Code Abbreviation	BUSLOG-MBL
Current Degree Title	Master in Business Logistics Engineering

Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		45	30.0	41	11.0
Required credit hours offered by the unit	Minimum	23	15.3	19.5	4.2
	Maximum	26	17.3	24	6.7
Required credit hours offered outside of the unit	Minimum	19	12.7	17	4.3
	Maximum	22	14.7	23	8.3
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

Explain any change in credit hours if the difference is more than 4 semester credit hours between the values listed in columns B and C for any row in the above table

The MBL program was first offered in 2005-2006. Feedback from alumni, employers and the larger business community indicates that our graduates, many of whom are international, lack the type of soft skills best acquired through internship experiences and appropriate Human Resources coursework. Since the only way to include an internship is to have a program longer than one year, we are extending the program to three semesters. Two areas are being strengthened; Organizational Behavior and Industrial Engineering. Two Human Resources classes are being added: Organizational Behavior (BUS-MHR 7260) and Teams and Leadership BUS-MHR 7261). In ISE, a Lean Sigma course has been added.

Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

- Program Learning Goals**
- 1. MBL students will master core knowledge in the areas of logistics strategy, logistics management and logistics engineering.
 - 2. MBL students will be able to solve complex logistics problems
 - 3. MBL students will be able to work in teams.
 - 4. MBL students will demonstrate effective communications skills

Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? Yes

Does the degree program or major have an assessment plan on file with the university Office of Academic Affairs? No

DIRECT MEASURES (means of assessment that measure performance directly, are authentic and minimize mitigating or intervening factors)

Standardized tests

- National standardized examination

Classroom assignments

- Embedded testing (i.e. specific questions in homework or exams that allow faculty to assess students' attainments of a specific learning goal)
- Other classroom assessment methods (e.g., writing assignments, oral presentations, oral exams)

Evaluation of a body of work produced by the student

- Practicum, internship or research evaluation of student work
- Capstone course reports, papers, or presentations

INDIRECT MEASURES (means of assessment that are related to direct measures but are steps removed from those measures)

Surveys and Interviews

- Employer feedback or survey

Additional types of indirect evidence

- Peer review of program
- External program review

USE OF DATA (how the program uses or will use the evaluation data to make evidence-based improvements to the program periodically)

- Meet with students directly to discuss their performance
- Analyze and report to college/school
- Analyze and report to accrediting organization
- Make improvements in curricular requirements (e.g., add, subtract courses)
- Make improvements in course content
- Make improvements in course delivery and learning activities within courses
- Periodically confirm that current curriculum and courses are facilitating student attainment of program goals
- Benchmark against best programs in the field

Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

Pre-Major

Does this Program have a Pre-Major? No

Attachments

- All letters & Attachments for MBLE-Resubmitted.pdf: All letters & attachments for MBLE

(Other Supporting Documentation. Owner: Gomez-Bellenge,Francisco X)

Comments

- Engineering's Committee on Academic Affairs approved the proposal on 6 July 2011. *(by McCaul Jr,Edward Baldwin on*

07/06/2011 12:53 PM)

Status: PENDING

PROGRAM REQUEST
Business Logistics Engineering

Last Updated: McCaul Jr,Edward Baldwin
07/06/2011

Workflow Information

Status	User(s)	Date/Time	Step
Submitted	Gomez-Bellenge,Francisco X	06/03/2011 02:37 PM	Submitted for Approval
Approved	O'Neill,Jill Ann	06/06/2011 12:20 PM	Unit Approval
Approved	Wruck,Karen Hopper	06/06/2011 12:29 PM	SubCollege Approval
Approved	Mangum,Stephen L	06/06/2011 01:01 PM	College Approval
Approved	Myers,Dena Elizabeth	06/07/2011 03:20 PM	GradSchool Approval
Revision Requested	McCaul Jr,Edward Baldwin	06/15/2011 10:51 AM	CAA Approval
Submitted	Gomez-Bellenge,Francisco X	06/15/2011 11:16 AM	Submitted for Approval
Approved	O'Neill,Jill Ann	06/15/2011 11:19 AM	Unit Approval
Approved	O'Neill,Jill Ann	06/15/2011 11:20 AM	SubCollege Approval
Approved	Mangum,Stephen L	06/15/2011 11:58 AM	College Approval
Approved	Myers,Dena Elizabeth	06/15/2011 12:17 PM	GradSchool Approval
Pending Approval	Cameron,Erin Marie Soave,Melissa A	06/15/2011 12:17 PM	CAA Approval
Approved	McCaul Jr,Edward Baldwin	07/06/2011 12:53 PM	Ad-Hoc Approval



May 31, 2011

Dr. Joseph A. Alutto
Executive Vice President and Provost
The Ohio State University
CAMPUS

Dear Provost Alutto:

RE: Proposed Semester Conversion for Master of Business Logistics Degree Program

The Master of Business Logistics Engineering (MBLE) is a relatively new program, with the first class being admitted for the 2005-2006 academic year.

The MBLE is aimed at students going into Operations Management, Industrial Engineering or Project Management positions with employers who have indicated a preference for candidates with backgrounds in both business logistics and engineering. The MBLE program, as a hybrid program between the Fisher College of Business and the College of Engineering, achieves that objective. A concurrence letter from the Department of Integrated Systems Engineering is part of this degree program request.

The program is being expanded from a three quarter to a three semester program. This will allow students to expand their soft skills by taking two Organizational Behavior classes and having a summer internship, and to expand their engineering skills by requiring an additional engineering course. We believe this will better position our students in the job market and in their careers.

Program changes were discussed and approved in spring 2010 by the Marketing and Logistics faculty in consultation with the Department of Management Sciences and the Department of Integrated Systems Engineering. The revised semester curriculum was formally approved at the spring 2010 College of Business faculty meeting and in spring 2011 by the faculty of the Department of Integrated Systems Engineering.

We concur with the recommendations of the faculty of the Departments of Marketing and Logistics, Integrated Systems Engineering and the Fisher College of Business and recommend

Office of the Dean

the proposed Master of Business Logistics Engineering curriculum and courses be approved.

Sincerely,



Christine A. Poon

Dean & John W. Berry, Sr. Chair in Business



Stephen L. Mangum

Senior Associate Dean and Professor of MHR

May 31, 2011

Provost Joseph A. Alutto
Office of Academic Affairs
203 Bricker Hall

RE: Semester Conversion Degree Program Request for Master in Business Logistics Engineering

Dear Provost Alutto,

On behalf of the faculty of the Department of Marketing and Logistics, I recommend approval of the proposed revision to the existing Master in Business Logistics Engineering program to accommodate conversion to a semester-system schedule.

The Master in Business Logistics Engineering was first offered in 2005-2006. It was conceived as a hybrid program between the College of Business and the College of Engineering to respond to the needs of the business community who saw a need for industrial engineers that had both business logistics and engineering backgrounds to develop total supply chain solutions. The Logistics program is ranked 5th in the nation (U.S. News & World Report). Although there is no ranking specifically for the MBLE, it is generally well regarded and our graduates have been actively sought by employers.

The most recent accreditation peer review visit was in 2009. The Fisher College is accredited by the Association to Advance Collegiate Schools of Business. *Assurance of Learning* data were collected prior to the visit. At that time, no major changes to the program were made.

As this is a hybrid degree, a concurrence letter is being provided by the department of Integrated Systems Engineering under separate cover. All other required documentation is being provided in the online Degree Program Request and the Attachments.

In spring quarter 2010, the Marketing and Logistics faculty discussed program changes. There was also consultation with the department of Management Sciences and the department of Integrated Systems Engineering. The changes were approved at a Marketing and Logistics department meeting. Subsequently, the revised semester curriculum was formally approved at the spring 2010 business college faculty meeting and in spring 2011 by the department of Integrated Systems Engineering faculty.

I concur with the recommendations of the faculty of the Department of Marketing and Logistics, Integrated Systems Engineering and the Fisher College of Business and recommend the proposed Master of Business Logistics Engineering curriculum and courses be approved.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter Zinn". The signature is written in a cursive, flowing style.

Walter Zinn
Professor of Logistics and Chair,
Department of Marketing and Logistics

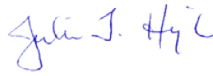


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To: Office of Academic Affairs
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The proposed program revision has been reviewed and discussed during multiple ISE faculty meetings. It has been approved by a unanimous and affirmative vote of the ISE faculty. In agreement with the decision of the faculty, I recommend its approval. I continue to believe that this collaboration between the College of Business and the College of Engineering equips our students with a unique combination of skills, and our alumni are well-positioned to meet the demands of this challenging field.

Program Rationale Statement

The MBLE program was first offered in 2005-2006. Feedback from alumni, employers and the larger business community indicates that our graduates, many of whom are international, lack the type of soft skills best acquired through appropriate Human Resources coursework and an internship experience. To address this concern, the program is being expanded from three quarters to three semesters. Two Human Resources classes are being added: Organizational Behavior (BUS-MHR 7260) and Teams and Leadership BUS-MHR 7261). In ISE, a Lean Sigma course has been added to strengthen the curriculum in an area with strong industry appeal. Lean Management, Six Sigma and Global Sourcing are all subjects with strong industry appeal.

A second reason for extending the program to three semesters is that most MBLE students lack sufficient work experience. This hinders the job search. Summer internships provide students with an opportunity to gain much needed work experience. In addition, corporations often hire full-time the same students they had as interns and, therefore, the internship is itself a source of future employment to students. A two-semester MBLE program does not allow for internships because students graduate prior to the summer.

With one exception, the admission requirements for the MBLE program have not changed. Students need to achieve the 75th percentile on the quantitative portion of either the GRE or the GMAT test, show a minimum undergraduate GPA of 3.0 and demonstrate proficiency in calculus, linear algebra and probability & statistics. The English language admission requirement was tightened. In addition to achieving the 50th percentile in the verbal portion of either the GMAT or the GRE tests, the minimum score required in the TOEFL test was raised to 100, with the additional stipulation that the student achieves a score of at least 20 in each of the 4 segments of the TOEFL test.

We believe that these changes will strengthen the MBLE program and support its continuing growth. The program started with 9 students in 2005-06 and has added students every year. Twenty-six students enrolled in 2010-11 and further growth is expected for next year.

Required Courses - MBLE		
Course	Course #	Credits
Engineering		
Linear Optimization	ISE 5200	3.0
Operations Research and Models	ISE 5850	3.0
Performance Modeling & Simulation	ISE 5300	3.0
Warehouse & Facility Design	ISE 5430	3.0
Lean Sigma Foundations	ISE 5810	3.0
Eng. Seminars	ISE 7881/8998	2.0
		17.0
Logistics		
Strategic Logistics Management	BUS M&L 7380	1.5
Logistics Decisions & Control	BUS M&L 7381	1.5
Logistics Analytics	BUS M&L 7382	1.5
Transportation Management	BUS M&L 5381	3.0
Logistics Technology & Application	BUS M&L 7386	1.5
Field Problems in Logistics	BUS M&L 7388	3.0
Supply Chain Management	BUS M&L 7383	1.5
		13.5
MHR		
Organizational Behavior	BUS MHR 7260	1.5
Teams and Leadership	BUS MHR 7261	1.5
		3.0
Operations Elective* - Pick any 4.5 credits		
Global Sourcing I	BUS MGT 7233	1.5
Global Sourcing II	BUS MGT 7234	1.5
Lean Enterprise Leadership	BUS MGT 7241	1.5
Advanced Simulation	ISE 7100	3.0
Decision Analysis	ISE 5830	3.0
Design of Engineering Experiments	ISE 5110	3.0
Networks	ISE 7220	3.0
		4.5
Acc/Fin Elective - Pick any 3.0 credits		
Accounting & Cost Analysis	AMIS 5000	3.0
Acctg & Fin Analysis for Decision Making	AMIS 6050	3.0
		3.0
Total		41.0

* Illustrative List. Selection is subject to approval of advisor

Semester Curriculum Advising Sheet -Three-Semester Curriculum

Fall Semester

Linear Optimization – ISE 5200	3.0
Strategic Logistics Management - BUS M&L 7380	1.5
Transportation Management - BUS M&L 5381	3.0
Performance Modeling & Simulation-ISE 5300	3.0
Teams and Leadership - BUS MHR 7261	1.5
Operations Elective I	1.5-3.0

Total ***13.5-15.0***

Spring Semester

Operations Research and Models - ISE 5850	3.0
Warehouse & Facility Design-ISE 5430	3.0
Logistics Decisions & Control - BUS M&L 7381	1.5
Logistics Technology & Application- BUS-M&L 7386	1.5
Engineering Seminars- ISE 7881/8998	2.0
Accounting/Finance elective	3.0

Total ***14***

Summer Term

Internship

Fall Semester

Lean Sigma Foundations-ISE 5810	3.0
Organizational Behavior-BUS-MHR 7260	1.5
Logistics Analytics- BUS-M&L 7382	1.5
Supply Chain Management - BUS-M&L 7383	1.5
Field Problems in Logistics- BUS-M&L 7388	3.0
Operations Elective II	1.5-3.0

Total ***12-13.5***

Grand Total **41**

Quarter Advising Sheet

Core Curriculum

The list of required courses in the program are below. Nine courses are required. Attendance to a series of seminars offered in the Department of Industrial, Welding and Systems Engineering is also required. Each seminar is typically a 2 hour technical talk given by OSU or invited faculty.

Required Courses

M&L 882: Logistics Software & Technology - 4 cr.
 M&L 881: Analysis and Design of Logistics Systems - 4 cr.
 M&L 880: Logistics Management - 4 cr.
 M&L 782: Logistics Decision Making - 4 cr.
 M&L 784: Principles of Transportation - 4 cr.
 ISE 720 (was 702 prior to WI09): Mathematical Programming: Linear - 3 cr.
 ISE 701 (was 704 prior to WI09): Introduction to Discrete System Simulation - 4 cr.
 ISE 742: Warehouse & Facility Design **or** ISE 694P: Group Studies in Ind. Engineering - 4 cr.
 ISE 881 (was 802 prior to WI09): Operations Research Models and Methods — 3 cr.
 ISE 890 (was 881 prior to WI09) **or** 893: Seminar Series — 2 cr.

Elective Courses

The list of potential elective courses in the program is below. Three electives are required.

Elective Courses

1 course from the following:

ISE 610: Planning of Engineering Experiments – 3 cr.
 ISE 710 (previously 709): Stat. Quality Control and Quality Management – 3 cr.
 STAT 645: Applied Regression Analysis – 5 cr.

1 course from the following:

AMIS 501: Accounting and Cost Analysis – 3 cr.
 FIN 620: Business Finance – 4 cr.
 FIN 721: Corporate Finance – 4 cr.
 FIN 722: Investment Management – 4 cr.

1 course from the following:

M&L 884: Field Problems in Logistics – 4 cr.
 M&L 885: Supply Chain Management – 4 cr.
 MGT 835: Ops. Planning and Materials Management - 4 cr.
 MGT 834: Strategic Design of Ops./Logistics Systems – 4 cr.
 MGT 820: Project Management – 4 cr.
 CIVIL 776 (Network Algorithms in Transportation Systems – 5 cr.
 ISE 684 (previously 662): Introduction to Applied Decision Analysis – 3 cr.
 ISE 730 (previously 703): Stoch. Proc. Used in Systems Engineering I – 3 cr.
 ISE 841 (previously 824): Sequencing and Scheduling – 3 cr.
 ISE 820 (previously 831): Mathematical Programming: Nonlinear – 3 cr.
 ISE 822 (previously 834): Integer Optimization Methods – 3 cr.

Sample Curriculum Plans

Sample Fifteen Month Curriculum (For a Fall start):

Autumn Quarter

ISE 720 (previously 702): Mathematical Programming: Linear — 3 cr.

M&L 880: Logistics Management — 4 cr.

M&L 784: Principles of Transportation — 4 cr.

Winter Quarter

ISE 881 (previously 802): Operations Research Models and Methods — 3 cr.

M&L 782: Logistics Decision Making — 4 cr.

M&L 881: Analysis and Design of Logistics Systems — 4 cr.

M&L 884 recommended to meet Master's Examination requirement (Elective) - 4 cr.

Spring Quarter

ISE 701 (previously 704): Introduction to Discrete System Simulation — 4 cr.

ISE 742: Warehouse & Facility Design — 4 cr.

M&L 882: Logistics Software & Technology — 4 cr.

ISE 893: Seminar Series — 1 cr.

Summer Quarter

Student may choose to complete an internship. (This is not a program requirement.)

Autumn Quarter

3 Electives (2 electives if M&L 884 completed during winter) - 9 cr.

ISE 893: Seminar Series — 1 cr.

Sample Nine Month Curriculum (For a Fall start):

Autumn Quarter

ISE 720 (previously 702): Mathematical Programming: Linear — 3 cr.

M&L 880: Logistics Management — 4 cr.

M&L 784: Principles of Transportation — 4 cr.

1 Elective - 3 cr.

Winter Quarter

ISE 881 (previously 802): Operations Research Models and Methods — 3 cr.

M&L 782: Logistics Decision Making — 4 cr.

M&L 881: Analysis and Design of Logistics Systems — 4 cr.

1 Elective (M&L 884 recommended to meet Master's Examination requirement) - 3-4 cr.

ISE 893: Seminar Series — 1 cr.

Spring Quarter

ISE 701 (previously 704): Introduction to Discrete System Simulation — 4 cr.

ISE 742: Warehouse & Facility Design — 4 cr.

M&L 882: Logistics Software & Technology — 4 cr.

1 Elective - 3 cr.

ISE 893: Seminar Series — 1 cr.

Note: Due to course availability, the minimum program time is 15 months for a Winter start.

English Language Mastery Requirements:

International students are required to attend the Fisher International Pathways orientation. During this orientation, each MBA, MBLE and MLHR international student will be scheduled for a written and spoken English placement test. Based on an evaluation of a student's written English, he or she may be required to take Education: Teaching and Learning (EDUTL) 106, 107, and/or 108.02. Such students are expected to complete course work through EDUTL 108.02 within the first year of study. Based on an evaluation of a student's spoken English, MBA, MBLE and MLHR students may also be required to take EDUTL 104. Full Time MBA Students are expected to attain sufficient mastery of spoken English to qualify for entry into the MBA core class "Enhancing Professional Interchange" by the end of their first year in the program. These requirements will not be waived, and these courses must be taken in addition to the normal course load. **Please note that because the MBLE program is shorter in nature, International students placed into English classes should anticipate graduating according to the 15 month plan.**

Transition Policy

There will be no Winter or Spring 2012 admissions. Students applying to the program in Winter or Spring will be deferred to the Fall 2012 term if admitted.

For students following the 9-month curriculum, there will be no transition issues. Students following the 15-month curriculum will complete their core classes in the first year (2011-2012) and their electives in Fall 2012.

An individual plan will be designed in the unlikely event that they do not complete their degree in the sequences listed above.