

Program Change Request

Date Submitted: 02/16/17 3:18 pm

Viewing: **OPMGMS : Operations Management, Master of Science in Operations Management**

Last approved: 05/09/16 7:01 pm

Last edit: 05/11/17 9:51 am

Changes proposed by: richardh

Catalog Pages Using this Program

[Operations Management \(OPMG\)](#)

Submitter:	User ID:	richardh	Phone:
4795755521			
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Major/Field of Study		
Select a reason for this modification			
Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding Focused Study)			
Are you adding a concentration?			
No			
Are you adding a track?			
No			
Are you adding a focused study?			
Yes			
Focused Stud(y/ies)			

In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Director of Program Assessment and Review
4. Registrar Initial
5. INEG Chair
6. ENGR Curriculum Committee
7. ENGR Faculty
8. ENGR Dean
9. Global Campus
10. Provost Review
11. University Course and Program Committee
12. Graduate Committee
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

Approval Path

1. 02/24/17 2:09 pm
Norman Dennis (ndennis): Approved for ENGR Dean Initial
2. 02/24/17 5:02 pm
Patricia Koski

- (pkoski): Approved
for GRAD Dean
Initial
3. 02/27/17 10:42 am
Alice Griffin
(agriffin): Approved
for Director of
Program
Assessment and
Review
4. 04/10/17 3:26 pm
Lisa Kulczak
(lkulcza): Approved
for Registrar Initial
5. 04/10/17 5:31 pm
Ed Pohl (epohl):
Approved for INEG
Chair
6. 05/05/17 1:03 pm
Manuel Rossetti
(rossetti): Approved
for ENGR
Curriculum
Committee
7. 05/11/17 9:52 am
Norman Dennis
(ndennis): Approved
for ENGR Faculty
8. 05/12/17 2:29 pm
Norman Dennis
(ndennis): Approved
for ENGR Dean
9. 05/16/17 11:21 am
Kiersten Bible
(kbible): Approved
for Global Campus
10. 06/28/17 9:08 am
Terry Martin
(tmartin): Approved
for Provost Review

- 11. 08/07/17 2:50 pm
Alice Griffin
(agriffin): Approved for University Course and Program Committee
- 12. 08/18/17 5:06 pm
Patricia Koski
(pkoski): Approved for Graduate Committee

History

- 1. May 9, 2016 by Rich Ham (richardh)

Action	Code	Title

Effective Catalog Year Fall ~~2018~~ ~~2016~~

College/School Code College of Engineering(ENGR)

Department Code Department of Industrial Engineering(INEG)

Program Code OPMGMS

Degree Master of Science in Operations Management

CIP Code
15.1501 - Engineering/Industrial Management.

Program Title
Operations Management, Master of Science in Operations Management

Program Delivery
Method
On Campus
Off Campus
Online/Web-based

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

What are the total hours needed to complete the program?

Off Campus Information

Off Campus

Location(s)

Location Name	Address	Distance from Main Site

Reason for Offering

Program Off Campus

No Change from current sites

Fifty percent of the credits required will be offered

Both - off-campus location and distance technology

Will Students complete all Program Requirements at this Location?

N

Upload

Memorandum of

Understanding Forms

(if required)

On-line/Web-based Information

Reason for offering

Web-based Program

No change to current offering

Maximum Class Size 35

for Web-based

Courses

Course delivery
mode

Class interaction
mode

Percent Online
50-99%

Provide a List of
Services Supplied by
Consortia Partners or
Outsourced
Organization
None

Estimate Costs of the No additional cost
Program over the
First 3 Years

List Courses Taught
by Adjunct Faculty

Upload
Memorandum of
Understanding Forms
(if required)

Program Requirements and Description

Requirements

~~Degree Conferred: M.S.O.M.(OPMG)~~ The Master of Science program in Operations Management is directed toward the acquisition of practical knowledge in the management of work processes, projects, and people. Areas covered include project management, quality management, economic decision-making, supply chain management, operations research, safety management, lean production and inventory control techniques, and human behavior analysis.

The operations management program is conducted at Graduate Residence Centers in Arkansas, Tennessee, and Florida, as well as at Fayetteville. Evening classes are offered in eight-week terms with five terms scheduled during an academic year. Selected courses are available online and via independent study. The operations management curriculum is aimed at the needs of working managers of technical and logistics

operations, as well as managers of production, service delivery and support functions in a wide spectrum of organizations, ranging from business/industry to military, government and non-profit. The program is open to students regardless of the major they selected as an undergraduate. The subject matter is patterned after the industrial engineering curriculum but is less technical and does not require a calculus mathematics background.

Admission to the program generally follows U of A Graduate School admission policies with the following exceptions:

The program does not permit the use of the MAT as an entrance test to compensate for undergraduate GPAs below 3.0. The GRE and GMAT are acceptable tests, but the analytical writing score must be 4.5 or above; All applicants, including those with advanced degrees, will be evaluated for admission on the basis of their first baccalaureate degree.

[OMGT 5003](#) must be taken in the first term of operations management graduate study.

Before taking any graduate classes in the program, non-native speakers of English who do not have a conferred undergraduate degree from an accredited U.S. college or university must demonstrate minimum proficiency on one of the following tests of written English: TOEFL, IBT (26), ELPT (75) or GRE/GMAT Analytical Writing (4.5). The MSOM English Language Proficiency Policy requires Level II non-native speakers of English to complete [ELAC 4043](#) Research Writing in the STEM fields no later than the first semester of graduate level courses. In addition to course pre-requisites, before completing 12 hours of course work toward the operations management degree, students must successfully complete the following courses (or equivalent courses or demonstrate knowledge of these subject areas acceptable to the program):

OMGT 4313	Law and Ethics (Sp, Su, Fa)	3
OMGT 4323	Industrial Cost Analysis (Sp, Su, Fa)	3
OMGT 4333	Applied Statistics (Sp, Su, Fa)	3
OMGT 4853	Introduction to Decision Support Tools in Operations Management (Irregular)	3

These courses are offered at the undergraduate level and cannot be applied toward the requirements for a Master of Science in Operations Management degree.

To fulfill requirements for the M.S.O.M. degree, a student must earn a total of 30 semester hours credit in the program. Of these hours, 12 hours consist of required courses, while the remaining 18 hours are electives.

Required courses are:

OMGT 5003	Introduction to Operations Management (Sp, Su, Fa)	3
OMGT 5783	Project Management for Operations Managers (Irregular)	3
OMGT 5623	Strategic Management (Irregular)	3
OMGT 5123	Finance for Operations Managers (Irregular)	3
or OMGT 5463	Economic Decision Making (Irregular)	

If a core course requirement offers a choice between two options, only one can be counted as the required course. Required courses must be taken in the first 18 hours of graduate coursework and be completed with a grade of "B" or better. Students who earn a "C" or lower in a required course may repeat the course only once. Failure to earn a "B" or better in any of the four required courses will result in dismissal from the program. A minimum grade-point average of 3.0 (A = 4.0), calculated from the University of Arkansas graduate courses in this curriculum, must be met as a graduation requirement. Please note that if a student

must retake a class to meet the grade requirements of this program, both the original grade and the retaken grade will count in the calculation of the GPA for graduation purposes.

While a thesis is not required, upon approval of the program director students may take up to six thesis hours to be applied toward the 30 semester hours required for degree completion. The six hours of thesis must be completed on the Fayetteville campus.

Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Are Similar Programs available in the area?

No

Estimated Student 700

Demand for Program

Scheduled Program 10/01/2016

Review Date

Program Goals and Objectives

Program Goals and Objectives

1. Provide internationally competitive and industry recognized operations management graduate education to meet emerging needs of operations management professionals.
2. Prepare operations management students to assume leadership roles in industry and government.

Learning Outcomes

Learning Outcomes

1. Apply the skills and techniques required to lead and manage complex global operations involving processes, technology, and people.
2. Design plans and controls to create value through strategic, tactical, and operational change.
3. Design plans and controls to lead and manage multi-disciplinary projects.
4. Identify problems, analyze alternatives, and design solutions considering financial, environmental, and societal impact.
5. Use quantitative techniques and models to analyze data to support decision-making.
6. Assess legal, regulatory, professional, and ethical corporate and individual responsibilities.
7. Write and present to stakeholders and senior decision makers.

Description and justification of the request

Description of specific change	Justification for this change
<p>Organizing for Change (OMGT 5873) is no longer an optional core course. It has been removed from the core course list and replaced with OMGT 5623.</p>	
<p>The belief of the program faculty is that OMGT 5623 is too important to the program to have it listed as an optional core course.</p>	

Upload attachments

[Re_Program change request for OPMGMS.pdf](#)

Reviewer Comments

Norman Dennis (ndennis) (12/20/16 10:29 am): Rollback: I see the justification for change, but the actual change does not appear in the program window. I believe you need to strike through the course that is being deleted from the core.

Norman Dennis (ndennis) (02/24/17 2:09 pm): Modified the description of change and justification

Alice Griffin (agriffin) (02/27/17 10:42 am): Changed effective catalog year to fall 2018 due to approval timeline. Also added course number to description for Organizing for Change course for clarity.

Charlie Alison (calison) (03/01/17 2:18 pm): Removed non-academic requirement material from top of program.

Norman Dennis (ndennis) (05/11/17 9:51 am): Revised the description of change so that is was comprehensible.

Key: 340