

Date Submitted: 02/18/23 6:19 am

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

Last approved: 02/18/21 9:42 am

Last edit: 02/22/23 3:17 pm

Changes proposed by: richardh

Catalog Pages Using  
this Program

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

Submitter: User ID: richardh Phone:

[479-575-5521](#)

~~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 Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)

Are you adding a concentration?

No

Are you adding or modifying a track?

No

Are you adding or modifying a focused study?

No

Effective Catalog Year Fall 2023

College/School Code

College of Engineering (ENGR)

Department Code

### In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. INEG Chair
7. ENGR Curriculum Committee
8. ENGR Faculty
9. ENGR Dean
10. Global Campus
11. Provost Review
12. Graduate Council
13. Faculty Senate
14. Provost Final
15. Registrar Final
16. Catalog Editor Final

### Approval Path

1. 07/05/22 9:15 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean Initial
2. 07/12/22 12:22 pm  
Jim Gigantino  
(jgiganti): Approved  
for GRAD Dean  
Initial
3. 07/14/22 1:21 pm  
Alice Griffin  
(agriffin): Approved  
for Director of  
Curriculum Review

## Department of Industrial Engineering (INEG)

Program Code	OPMGMS
Degree	Master of Science in Operations Management
CIP Code	

and Program  
Assessment

4. 07/14/22 4:40 pm  
Gina Daugherty  
(gdaugher):  
Approved for  
Registrar Initial
5. 07/14/22 5:08 pm  
Doug Miles  
(dmiles): Approved  
for Institutional  
Research
6. 07/14/22 5:36 pm  
Ed Pohl (epohl):  
Approved for INEG  
Chair
7. 09/13/22 11:17 am  
Manuel Rossetti  
(rossetti): Approved  
for ENGR  
Curriculum  
Committee
8. 09/14/22 9:05 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Faculty
9. 09/14/22 9:06 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean
10. 09/14/22 9:21 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
11. 09/14/22 9:27 am  
Jim Gigantino  
(jgiganti): Approved  
for Provost Review
12. 12/14/22 12:18 pm  
Christa Hestekin

- (chesteki): Rollback to Initiator
13. 02/03/23 9:52 am  
Kevin Hall (kdhall): Rollback to Initiator
14. 02/07/23 1:55 pm  
Kevin Hall (kdhall): Approved for ENGR Dean Initial
15. 02/08/23 9:40 am  
Christa Hestekin (chesteki): Rollback to ENGR Dean Initial for GRAD Dean Initial
16. 02/09/23 9:38 am  
Kevin Hall (kdhall): Approved for ENGR Dean Initial
17. 02/09/23 5:45 pm  
Christa Hestekin (chesteki): Approved for GRAD Dean Initial
18. 02/13/23 10:33 am  
Alice Griffin (agriffin): Rollback to Initiator
19. 02/20/23 4:16 pm  
Kevin Hall (kdhall): Approved for ENGR Dean Initial
20. 02/20/23 4:52 pm  
Christa Hestekin (chesteki): Approved for GRAD Dean Initial
21. 02/21/23 10:24 am  
Alice Griffin (agriffin): Approved for Director of

- Curriculum Review  
and Program  
Assessment
22. 02/22/23 3:17 pm  
Gina Daugherty  
(gdaugher):  
Approved for  
Registrar Initial
23. 02/23/23 11:26 am  
Doug Miles  
(dmiles): Approved  
for Institutional  
Research
24. 02/23/23 1:00 pm  
Ed Pohl (epohl):  
Approved for INEG  
Chair
25. 02/28/23 4:04 pm  
Manuel Rossetti  
(rossetti): Approved  
for ENGR  
Curriculum  
Committee
26. 03/01/23 10:18 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Faculty
27. 03/01/23 10:20 am  
Kevin Hall (kdhall):  
Approved for ENGR  
Dean
28. 03/01/23 10:24 am  
Suzanne Kenner  
(skenner): Approved  
for Global Campus
29. 03/01/23 11:08 am  
Jim Gigantino  
(jgiganti): Approved  
for Provost Review
30. 03/23/23 2:16 pm  
Christa Hestekin

(chesteki):

Approved for

Graduate Council

History

1. May 9, 2016 by Rich Ham (richardh)
2. Mar 27, 2018 by Rich Ham (richardh)
3. Mar 4, 2020 by Rich Ham (richardh)
4. Feb 18, 2021 by Rich Ham (richardh)

15.1501 - Engineering/Industrial Management.

Program Title

Operations Management, Master of Science in Operations Management

Program Delivery

Method

Off Campus

On Campus

Online/Web-based

Is this program interdisciplinary?

No

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

No

What are the total        30

hours needed to

complete the

program?

Off Campus Information

Off Campus

Location(s)

Location Name	Address	Distance from Main Site
all sites previously approved	previously provided	na

Location Name	Address	Distance from Main Site
Walton College at 2nd and Main	119 S Main St Little Rock, Arkansas 72201	186

Reason for Offering

Program Off Campus

Adding Walton College at 2nd and Main to replace Little Rock AFB site.

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?

No

Where will the  
Program be  
completed?

Online, live, hybrid, synchronous and mixture of modes. No change to current offerings.

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

Method(s)
Blended Delivery Methods

Describe Blended

Delivery Methods

Student has the option of taking classes in several different modes depending on their timeline for program completion. Face-to-face instruction will be offered on site. However, If a student prefers, they can receive

on-line instruction via synchronous or pre-recorded video. Both methods of course completion will be available to the student.

Class interaction  
mode

Method(s):
Electronic Bulletin Boards

Percent Online

50-99%

100% with No Required Campus Component

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

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

List Courses Taught  
by Adjunct Faculty

Upload  
Memorandum of  
Understanding Forms  
(if required)

## Program Requirements and Description

Requirements

### Admission

Admission to the program generally follows U of A Graduate School admission policy ~~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; 1. Students~~ All applicants, including those with a GPA advanced degrees, will be evaluated for admission on the basis of 2.5 to 2.99 on the their first undergraduate degree will be evaluated by the program for admission. ~~baccalaureate degree.~~

~~OMGT 5003 must be taken in the first term of operations management graduate study. 2.~~ Before taking any graduate classes in the program, non-native speakers of English must demonstrate minimum English Language proficiency as defined by the Graduate School. The M.S.O.M. 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 M.S.O.M. English Language Proficiency Policy requires ~~Level II~~ non-native speakers of English who are required by English to complete ELAC 4043 Research Writing in the Graduate School to complete English Language and Cultural Studies (ELAC) 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 to complete them no later than the first semester of graduate level courses. (or equivalent courses or demonstrate knowledge of these subject areas acceptable to the program):  
Some courses in the program require undergraduate pre-requisites or a transfer equivalent listed below:

<u>OMGT 4313</u>	Law and Ethics	3
<u>OMGT 4323</u>	Industrial Cost Analysis	3
<u>OMGT 4333</u>	Applied Statistics	3
<u>OMGT 4853</u>	Introduction to Decision Support Tools in Operations Management	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.

#### **Requirements for the M.S.O.M. Degree**

To fulfill requirements for the M.S.O.M. degree, a student must earn a total of 30 semester hours credit. ~~credit in the program.~~

~~Of these hours, 12 hours consist of required courses, while the remaining 18 hours are electives.~~ Required courses are:

<u>OMGT 5003</u>	Introduction to Operations Management	3
<u>OMGT 5783</u>	Project Management for Operations Managers	3
<u>OMGT 5623</u>	Strategic Management	3
<u>OMGT 5123</u>	Finance for Operations Managers	3
or <u>OMGT 5463</u>	Economic Decision Making	

#### **Electives**

**18**

Total Hours 30

If a core course requirement offers a choice between two options, only one can be counted as the core required course. Core Required courses must be ~~taken in the first 18 hours of graduate coursework and be~~ completed with a grade of "B" or better. A student ~~Students~~ who fails to earn a "B" "C" or higher on ~~lower in~~ a required course may repeat the course only once. ~~OMGT 5003 should be taken the first 6 hours of graduate coursework. 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 2028-2029 ~~2021-~~

Review Date ~~2022~~

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 diverse and inclusive, complex global operations involving processes, technology, and people.
2. Create value through strategic, tactical, and operational change that is agile, resilient, and sustainable.
3. Lead and manage diverse, multi-disciplinary, geographically dispersed teams and projects.
4. Identify problems, analyze alternatives, and design solutions considering financial, environmental, and societal impact for the public good.
5. Use quantitative techniques and models to analyze data to support data-driven decision-making.
6. Assess legal, regulatory, professional, and ethical organizational and individual responsibilities.
7. Communicate clearly and concisely, both orally and in writing, to stakeholders and senior decision-makers.

Description and justification of the request

Description of specific change	Justification for this change
<ol style="list-style-type: none"> <li>1. Clear up confusing language</li> <li>2. Eliminate duplicative/redundant language.</li> <li>3. Change graduation GPA requirement (by reverting to grad school requirement) to standardize with MSIE and OPAN programs</li> <li>4. Eliminate core course completion within first 18 hours which can be difficult with scheduling conflicts.</li> <li>5. Remove GRE requirement and deleted related language and move degree requirements for 5003 out of admission requirements into graduation requirements where it should have always been.</li> <li>6. Make ELAC changes due to course deletion at the direction of the graduate school.</li> <li>7. Allows those with GPA between 2.5 to 2.99 to be evaluated by directors based on professional experience, other degrees or accomplishments.</li> </ol>	<p>Wording causes student confusion and is duplicative/redundant. GPA requirement standardizes department criteria and reverts to the graduate school requirement. Remove graduation requirements in the admission area.</p> <p>Reduces non-value-added step to process additional form for students with a 2.85 to 2.99 GPA. Historically, these are always granted.</p>

Upload attachments

Reviewer Comments

**Jim Gigantino (jgiganti) (07/12/22 12:21 pm):** Added language for English Lang Proficiency at request of G. Parnell, Program Director

**Alice Griffin (agriffin) (07/14/22 1:14 pm):** Changed effective date from summer 2022 to summer 2023. It is too late to complete approval for this year.

**Alice Griffin (agriffin) (07/14/22 1:19 pm):** Minor edit to language regarding GPA. Also reformatted requirements by inserting Electives row with permission from submitter. This change reflects all 30 hours required for the program. Also revised scheduled program date, since the review was conducted during 2021-2022.

**Christa Hestekin (chesteki) (12/14/22 12:18 pm):** Rollback: Per request of department.

**Kevin Hall (kdhall) (02/03/23 9:52 am):** Rollback: rolled back at request of submitter

**Christa Hestekin (chesteki) (02/08/23 9:40 am):** Rollback: In specific description of changes, it would be helpful to group together the GRE and GPA changes. I think that in item #7, the first GRE should actually be GPA.

**Alice Griffin (agriffin) (02/10/23 4:59 pm):** ATTENTION REGISTRAR: Please remove the Undergraduate Council from the approval workflow.

**Alice Griffin (agriffin) (02/13/23 10:33 am):** Rollback: Rolling back to submitter as requested.

**Alice Griffin (agriffin) (02/21/23 10:24 am):** Due to the changes to the admission requirements and degree progression, this minor program change will require campus approval.

**Gina Daugherty (gdaugher) (02/22/23 3:17 pm):** Removed Undergraduate Council from workflow.

