



# OPERATIONS MANAGEMENT

Based on 2022-23 Undergraduate Catalog

## OPERATIONS MANAGEMENT AS AN UNDERGRADUATE MAJOR

Operations Management (OM) is about getting things done effectively and efficiently in organizations. All organizations have an operations function. Operations managers might work in managing manufacturing processes or managing the delivery of a service to a customer. Operations Management provides a strong managerial and technical education to students interested in the field including manufacturing planning and control, supply-chain, service, project, process and quality management. The major prepares students with the fundamental knowledge they need to work effectively in operations in manufacturing and service sectors, providing them with advanced knowledge about the best practices, current technologies and tools, and the leadership skills necessary to operate in a globally diverse and competitive marketplace.

### MAJOR REQUIREMENTS FOR A BACHELOR OF SCIENCE IN OPERATIONS MANAGEMENT

To fulfill the requirements for the major in operations management, students must be admitted to major standing, complete the core program, and complete at least 21 credits, as specified below, with a grade of C or better in each major course.

#### REQUIRED IN THE PRE-CORE

- SBC 1990 ACHIEVE I
- SBC 2990 ACHIEVE II

#### REQUIRED for OM MAJOR

- POM 3430 Operations Management
- POM 3990 ACHIEVE III Operations Management

#### ELECTIVES, no specialization: Choose six (3 credits each)

- POM 4350 Service Operations Management
- POM 4400 Process Management
- POM 4410 Operations Analytics
- POM 4420 Supply Chain Management
- POM 4430 Operations Planning and Control
- POM 4470 Procurement and Global Sourcing
- POM 4480 Project Management
- POM 4600 Lean Kaizen in Organizations
- QMM 4400 Management Science
- QMM 4520 Forecasting
- ACC 4003 Managerial and Cost Accounting II

### SPECIALIZATIONS FOR OPERATIONS MANAGEMENT MAJORS

		REQUIRED	ELECTIVES, CHOOSE 1
<b>FOR ALL PATHS:</b> POM 3430 POM 3990	Supply Chain Management	+ POM 4410, POM 4420, POM 4430, POM 4470, MKT 4220, 1 more elective	+ POM 4350, POM 4400, POM 4480, POM 4600, QMM 4900, QMM 4520
	Lean and Quality Management	+ POM 4400, POM 4410, POM 4430, POM 4600, ACC 4003, 1 more elective	+ POM 4350, POM 4420, POM 4480, POM 4470, QMM 4400, QMM 4520
	Project Management	+ POM 4410, POM 4470, POM 4480, ACC 4180, ORG 4310, 1 more elective	+ POM 4350, POM 4400, POM 4420, POM 4430, POM 4600, QMM 4400, QMM 4520

# SCHOOL OF BUSINESS ADMINISTRATION

## SKILLS AND ABILITIES

- Analytical skills
- Business process modeling
- Communication abilities
- Creative problem solving
- Decision making
- Interpersonal skills
- Lean manufacturing
- Logistics
- Project management
- Quality planning and control
- Quantitative skills
- Supply chain management

## CAREER OPPORTUNITIES

Graduates are hired in both staff and line positions. Entry level positions in line are usually as supervisors or production or operating personnel. Entry level positions in staff include technical jobs in production planning, inventory, materials and quality control, work scheduling and operations analysis. For more information on careers please visit the Bureau of Labor Statistics at [bls.gov/ooh/](https://bls.gov/ooh/) or O\*Net at [onetonline.org](https://onetonline.org).

### Career Choices

- Business Analyst
- Operations Researcher/Analyst
- Inventory Manager
- Materials Manager
- Quality Control Specialist
- Project Manager
- Supply Chain/Logistics Specialist
- Master Production Scheduler
- Production Planner
- Purchasing/Procurement Specialist

### Organizations that commonly employ

#### Operations Management majors

- Apple
- DHL Global Forwarding
- Stellantis
- Magna
- Meritor
- Universal Software Solutions
- Continental
- DTE Energy
- General Motors
- MAHLE Behr
- Michigan DNR Parks and Recreation

## DEPARTMENT OF DECISION AND INFORMATION SYSTEMS

Elliott Hall, Room 440

## JOB OPENINGS

Access thousands of job and internship postings at Handshake ([oakland.edu/careerservices/handshake](https://oakland.edu/careerservices/handshake)). Handshake also provides the latest news from OU Career Services, exclusively for OU students and alumni.

## OPERATIONS MANAGEMENT ORGANIZATIONS AT OU

SOM (Society of Operations Management)

For more information visit: [oakland.edu/business/orgs](https://oakland.edu/business/orgs).

## CAREER OUTLOOK

Wage Range | \$48,050 - \$122,580

Median Annual Wage | \$76,270 - \$108,790

National Growth | 5 - 30% from 2020 to 2030

*Data from the National Bureau of Labor and Statistics*

## FOR FURTHER INFORMATION

To help choose your area of interest, plan your future career goals and monitor your progress, visit the Undergraduate Advising and Career Services Offices in OU's School of Business Administration.

### School of Business Administration

#### Undergraduate Advising

Elliott Hall, Room 232

275 Varner Drive

(248) 370-3285

[oakland.edu/business/advising](https://oakland.edu/business/advising)

### School of Business Administration

#### Career Services

Elliott Hall, Room 232

275 Varner Drive

(248) 370-3215

[oakland.edu/business](https://oakland.edu/business)

#### Career Services

Main Office

North Foundation Hall, Room 154

318 Meadow Brook Road

(248) 370-3250

[oakland.edu/careerservices](https://oakland.edu/careerservices)

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**Major Adviser**, project management specialization | Eugene Fliedner | [fliedner@oakland.edu](mailto:fliedner@oakland.edu) | (248) 370-4281

**Major Adviser**, lean and quality specialization | TJ Wharton | [wharton@oakland.edu](mailto:wharton@oakland.edu) | (248) 370-4284

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