Operations and Supply Management

Required Courses

Why Choose Operations and Supply Management?

For the serious business student, operations and supply management enables the individual to not only manage the business, but the ability to improve it. The degree includes a lean systems focused curriculum. The classes prepare individuals to lead, manage, and evaluate a continuous improvement system within an organization and with its suppliers. Students will acquire the skills to apply the lean principles in a complex work environment.

The Operations portion of the program focuses on integrating the core Lean principles (process efficiency, value stream mapping, kaizen, PDCA, 5S, pull, leveling process stability, standardized work, root-cause problem resolution and A3 Reporting), Six Sigma (process quality), Lean culture (skills development), Lean cost management (value stream performance measurement), and 5) Leadership techniques (employee centric) to assist the organization in achieving and sustaining optimal employee and organization/operational performance.

The Supply Management section of the program concentrates on how to extend the lean system to the organization's suppliers. Collaboration with an organization's suppliers and service providers is essential in achieving the lean goal – delivering the right product/service at the right time, in the right quantity, to the right customer, at the right cost. Managing the flow of incoming and outbound goods, services, and related information involved provide valuable tools for turning logistics problems into a competitive advantage. The emphasis will be directed on supplier selection, reducing logistics costs, improving logistics service, and removing impediments as well as bottlenecks to achieve efficient and effective operations.

This cutting edge approach will provide graduates with highly sought-after capabilities to improve operational & financial performance and monitor growth within any type of organization - e.g. banks, nonprofits, offices, hospitals, restaurants, manufacturing.

Career Opportunities

Students who feel they are driven to make things better and see structure in business end up in middle to upper management positions with this degree. To put it simply, graduates of this program are in demand. Business and industry need people with combined technical and business backgrounds for positions in areas such as quality, purchasing, supply chain management, global logistics, human relations, materials, production control and technical support. The Operations and Supply Management program prepares students for these positions.

College graduates are gaining entry-level positions in production control, purchasing, supply
chain management, supplier development engineer, plant layout, inventory control, materials manager, traffic management, distribution management and management training.

In fact, Ferris' placement service reports that requests for individuals with operations and supply management training are usually in greater demand than the number of available graduates. Companies that have hired Ferris graduates in the past range from Fortune 500 manufacturing firms to the growing service industry.

**Admission Requirements**

**New Students SAT Scores**

- 2.5 High School GPA (on a 4.0 scale)

Two of the Three Criteria:

1. SAT ERW score of 450 or higher
2. SAT Math score of 500 or higher. Placement in MATH 109/110 will be considered (SAT Math score of 480 or higher).
3. SAT Composite of 900 or higher

**New Students ACT Scores**

- 2.5 High School GPA (on a 4.0 scale)

Two of the Three Criteria:

1. ACT English score of 16 or higher
2. ACT Math score of 19 or higher
3. ACT Reading score of 19 or higher

**Transfer Students**

- Combined college or university GPA of 2.35 (on a 4.0 scale) from all institutions attended. GPA based on completion of 12 credit hours or more. Developmental courses will not be considered in computing the GPA requirement.
- Transfer equivalency for FSU ENGL 150 or placement during the first semester at FSU which would require an ACT English score of 16 or higher; or SAT ERW score of 450 or higher; or Accuplacer English score of 6 or higher.
- Transfer equivalency for FSU MATH 114/115 or placement during the first semester at FSU which would require an ACT Math score of 19 or higher; SAT Math score of 500 or higher; or Accuplacer Math scores: Elementary Algebra score 75 or higher and College Level Math 0-49.

**More Information:**
Additional guidance can be found on the College of Business Webpage under the Admissions tab.

**General Education Requirements**

All University General Education requirements for a Bachelor’s degree is here
Please consult this link for a complete listing of General Education Electives.

Consult the Required Courses above or the program advisor for program specific General Education requirements.

**Graduation Requirements**

The Operations and Supply Management program at Ferris leads to a bachelor of science degree in business. Graduation requires a minimum 2.0 GPA in core classes, in the major and overall.

**More Information**

Management Department, BUS 212  
119 South Street  
Big Rapids, MI 49307-2284  
Phone: (231) 591-2427  
Email: MGMT@ferris.edu

The College of Business is accredited by the Accreditation Council for Business Schools and Programs (ACBSP.)  
http://www.acbsp.org

**ADA compliant checksheets are being developed for the 2019-2020 Catalog. If you would like to request an ADA compliant checksheet before the 19-20 catalog is published, please send your request to:** FSUCurriculum@ferris.edu