

# OPERATIONS MANAGEMENT, BS

Areas of interest for operations management students include process analysis and improvement, quality control, production planning, inventory management, manufacturing, scheduling, supply chain management, logistics, transportation, and procurement. Operations management focuses on the effective management of the resources and activities that produce and deliver the goods and services of any business. OM professionals manage the people, materials, equipment and information resources that a business needs in order to produce and deliver its goods and services. They also design and manage the business processes and activities that actually produce those goods and services.

Academic Advisor: Heather Davis

Business operations are a critical element of every business, so there are a wide range of opportunities for OM professionals. Manufacturing management has been—and continues to be—a significant area of opportunity. The tremendous growth of the automotive industry in the state of Alabama has produced great job opportunities for OM professionals with major automobile manufacturers and their suppliers. OM professionals can also pursue careers in the distribution and warehousing of products, as well as transportation and logistics operations. The entire field of supply chain management relies heavily on the effective management and coordination of business operations, from manufacturing to transportation and distribution. Whether products sold in the U.S. are manufactured overseas or in the U.S., some part of the supply chain is operated and managed in the U.S.

The growth of service industries in the state (banking, for example) also provides opportunities for OM professionals to manage business operations in service-oriented companies. OM professionals hold a wide range of job titles, such as materials manager, production planner, scheduler, inventory manager, transportation/logistics manager, purchasing/procurement manager, supply chain manager and quality manager. All of these positions employ OM techniques and concepts to effectively manage the resources and processes of their business operations. Because OM professionals are familiar with the resources and operations that are critical to success, they are often well-positioned for promotion to upper levels of business management. OM majors must take OM 305 Information Technology for Operations Management to complete their core computer language requirement.

Code and Title	Hours
<b>Major Courses</b>	
OM 310 Intro to Management Science	3
OM 321 Prod Planning & Contrl	3
OM 375 Statistical Quality Control	3
OM 420 or OM 421 Computer Simulation Bus Analytics for Operations	3
OM 422 Production Scheduling Problems	3
OM 423 Inventory Management	3
Credit Hours Subtotal:	18
<b>Required Second Major or Minor</b>	
Second Major or Approved Minor	15-18
<b>Total Hours</b>	<b>33-36</b>

## Admission and Retention Policies

Each prospective OM student must submit an application demonstrating that all criteria for admission have been met. Students are eligible for

admission to the program if they meet the criteria for admission to the upper division of the College of Business. A student whose grade point average falls below these standards may petition for admission to the upper division and declare Operations Management if the student's grade point average for the last 30 hours attempted at this institution is 2.5 or higher.

Operations Management majors must complete all required OM courses with a grade of C- or higher. A student who enrolls in any of these courses twice and fails to make a grade of C- or higher will not be permitted to take additional OM courses without special permission. Enrollment is defined as registration for a course resulting in the recording of hours attempted on the student's record. Priority for enrollment in upper-division OM courses is given to students who are not repeating the courses.

**Only declared Operations Management majors can take OM 420, OM 421, OM 422, and OM 423.**

Operations Management majors must complete the core Computer Language requirement by taking OM 305 Information Technology for OM. Operations Management majors must also complete a second major or an approved (business or non-business) minor.

Our graduates have accepted positions with Frito-Lay, Nucor Steel, US Steel, Scot Industries, Trademark Metals, BMW, Mercedes, 3M, PepsiCo, Honda, Hyundai, Johnson Controls, Halliburton, Schlumberger, Target Distribution, Walmart Distribution, JCPenney, AMCOM, and many more.

## Types of Jobs Accepted

Operations Manager, Materials Manager, Production Planner, Logistics Manager, Quality Manager, Plant Manager, Supply Chain Manager, Inventory Manager, Purchasing Manager, Production Manager, Continuous Improvement Specialist, Project Management Specialist

Jobs of Experienced Alumni

Chief Operations Officer (COO), Vice President of Operations, Vice President of Supply Chain, Plant Manager, Logistics Director

Learn more about opportunities in this field at the Career Center