



Monte Ahuja
College of Business



DOCTORATE PROGRAMS

Accredited.
Accessible.
Affordable.

College of Business
DBA Programs

dba@csuohio.edu
216-687-4889

Doctor of Business Administration

OPERATIONS MANAGEMENT

The **OSM SPECIALIZATION** is designed for students interested in pursuing research in areas such as supply chain management, operations strategy, advanced manufacturing technology, algorithm development, project management, quality management, and scheduling who also possess strong quantitative or statistical skills. Our department provides a rigorous and intellectually stimulating, yet friendly, atmosphere for the pursuit of doctoral research.

CURRICULUM

PREREQUISITES

There are two approaches to research in Operations Management: empirical research and quantitative modeling. Applicants interested in empirical research should have a mastery of statistical methods. Applicants interested in quantitative modeling should have a strong background in quantitative methods, i.e., applied probability, statistics, and operations research. Applicants with degrees in business, economics, mathematics, engineering, and related fields are encouraged to apply.

Students who do not have a business degree need to take the following preparatory courses:

- ACT 501** Financial Accounting
- MKT 501** Marketing Theory and Practice
- FIN 501** Financial Management
- MGT 511** Organizational Behavior

DBA CORE COURSES

- OSM 733** Multivariate Statistical Methods
- DBA 720** Seminar on Business Teaching Methods
- DBA 802** Applied Multivariate Statistical Analysis
- DBA 803** Business Research: Analysis and Applications

POTENTIAL SPECIALTY COURSES IN OPERATIONS MANAGEMENT*

- ▶ Theory of Optimization in Production and Operations
- ▶ Current Topic Professional Seminar
- ▶ Supply Chain Models
- ▶ Quality Control
- ▶ Strategic Supply Chain Management Scheduling
- ▶ Flexible Manufacturing Systems
- ▶ Operations Strategy
- ▶ Project Management
- ▶ Doctoral Research in Production/Operations Management
- ▶ Current Problems in Production/Operations Management

DISSERTATION RESEARCH

- ▶ Dissertation Research Seminar
- ▶ Dissertation

The above represents a sample curriculum for this specialization. For further information on requirements, please see the Graduate Catalog at <http://catalog.csuohio.edu/> or call the DBA Program at 216-687-4889.

** Subject to availability.*