

University of Iowa
College of Business Administration

Doctoral Program
in
Management Sciences

Management Sciences is concerned with complex managerial decision-making systems. It includes the development of quantitative models, utilizing computer technology, creating data base systems, and examining the behavioral attributes of work in organizations. These areas share a common concern to improve the productivity of resources in managing production and operations systems, a common information systems and model building orientation, and a commitment to improve the actual practice of management in organizations. Long run solutions to the major social issues of employee satisfaction, achieving organizational change, information management, and improving manufacturing competitiveness make a major in management science especially significant. Persons receiving the Ph.D. in Business Administration degree with field in Management Science as a major will be able to contribute to the solution of these problems.

Major Areas

Operations Management--The design, planning, and control of activities involved in the transformation of resources into goods and services. This area utilizes quantitative methods, management information systems technology, strategic planning concepts, and industrial engineering methodology within a problem orientation.

Information Systems--The analysis, design, and management of information systems to support organizational decision-making. This area is concerned with interrelationships between management and the computer technology used to design and implement information systems that improve organizational