

performance. This area utilizes quantitative methods, behavioral science, and management information systems technology.

Behavioral Science - Individual behavior in organizations, group processes, organization theory and design, and strategic planning. These areas include elements of information processing and decision-making, and utilize formal models, theory, and statistical analysis.

Quantitative Methods - The development of analytical approaches to making decisions and modeling problems in organizations. The emphasis is to develop methodology for solving a wide range of problems in the functional areas of business and in related areas of industrial engineering, economics, medicine, etc.

Each program generally requires four years of study beyond the bachelor's level, including basic work in the functional areas of business administration, economics, human behavior and organizations, mathematics, statistics, and computer science. Advanced work includes the following subjects:

#### Theory

Operations research  
Quantitative systems analysis  
Mathematical programming  
Stochastic processes  
Systems simulation  
Statistical inference and decisions  
Group processes in Administration  
Organizational design and operation