Operations Research & Management Science

A DEGREE IN PROBLEM SOLVING.

Operations Research & Management Science (OR/MS) empowers industry to make better decisions. To grow, compete, and thrive. SMU equips graduates to apply advanced analytics in the workplace to solve system and process problems that stunt an organization's growth and hamper its financial success.

In today's highly competitive global economy, engineers trained in OR/MS add value across industries. They offer optimal use of limited resources. A big-picture understanding, down to the last detail.

They are problem solvers who confidently move from analyzing a problem, to predicting its outcome, and prescribing a plan of action. For instance, employing computer-based mathematical models to map out optimal routes for commercial airliners. Minimizing wait times for a healthcare provider. Designing survivable yet cost-effective telecommunications networks.

A specialized degree in OR/MS prepares graduates to secure for their employers systemic efficiency, cost savings, profit surges, and competitive advantages.

EMIS ... we engineer better business

A DEGREE THAT IS RECESSION PROOF

Operations Research & Management Scientists are interpreters … providing an invaluable link between technology and management.

Successful students will possess an affinity toward math and computer science, leadership skills, and a passion for intellectual challenges and problem solving. They enjoy participating in leading-edge faculty research, collaborative learning, and real-world applications of theory.

Employment opportunities abound for graduates, ranging from pharmaceuticals and healthcare to defense and entertainment.

SMU Lyle offers degree plans that produce results-driven strategists destined to become experts in the Science of Better.

- BS in Management Science
- Masters of Science in Operations Research
- Doctor of Philosophy (Ph.D.) in Operations Research

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