

ENGINEERING MANAGEMENT, INFORMATION, AND SYSTEMS (EMIS)

we engineer better business

DEPARTMENT OF THE SMU LYLE SCHOOL OF ENGINEERING

About Us

- Each year SMU Lyle EMIS department teaches over 100 courses and awards 170 bachelors, masters, and doctoral degrees.
- The first Systems Engineering program in Texas
- Ranked a Top 25 Operations Research program
- The only Operations Research program in North Texas
- One of two Information Engineering and Management programs in the U.S.
- Outstanding research faculty, all with industry experience
- The first executive-format engineering masters in North Texas
- Graduate coursework offered on campus, via streamed Internet video, and in executive-style cohort groups

**Undergraduate students graduate with a
BS in Management Science**

Masters and doctoral degrees are offered by these programs:

- Operations Research — applies advanced analytical modeling and methods to help make better decisions, help people solve problems, and help organizations effectively use technology
- Systems Engineering — develops expertise in the principles, methods, and practices of creating and managing a complex system over its life cycle. Systems engineers focus on the process and ask the question: What does your customer want? Then, they design it, execute it, and sell it back.
- Information Engineering — Students build technology and managerial skills to effectively engineer and oversee an organization's information flows.
- Engineering Management — Students develop expertise in applying engineering principles and modern management methods so they can effectively lead projects, solve problems in a broad spectrum of industries that rely on technology to succeed.

**SMU Lyle offers a one-year master's degree in
management designed specifically for engineers.**



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