

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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