



**SMU | LYLE**  
SCHOOL OF ENGINEERING

Have you noticed? The keys to the CEO suite are being offered to executives with an engineering degree. It just makes sense. As even non-technology companies depend on high-technology processes for production, distribution, and communication, their directors are deciding that only someone with an engineering background stands a chance of staying ahead of the curve. They're also discovering that a chief executive with a disciplined, analytical, and logical mind—the product of an engineering education—is better equipped to solve problems, set objectives, anticipate developments, and design plans of action.

**FIND US HERE**

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# TRANSFORM BUSINESS

MASTER OF SCIENCE | ENGINEERING MANAGEMENT



## MASTER OF SCIENCE | ENGINEERING MANAGEMENT

*The education I received while obtaining my masters in engineering management has resulted in opportunities and challenges for which I would have otherwise been unprepared. Relationships cultivated while attending Lyle and the reputation of SMU have been significant factors in my career, allowing me to obtain my current position with enterprise responsibilities for information technology infrastructure.*

**Bill Periman**  
VP of Technology Infrastructure | Financial Services – Management and Planning Firm

## ACADEMIC PROGRAM

Thirty credit hours (30 CH) with a minimum graduate G.P.A. of 3.000 on a 4.000 scale.

Satisfactory completion of one of the following analytics courses.

Analytics for Decision Support  
Systems Analysis Methods

Satisfactory completion of the following four core courses.

Engineering Management  
Probability and Statistics for Scientists and Engineers  
Production Systems Engineering  
Systems Engineering Process

Satisfactory completion of two courses from the following addressing the financial aspects of engineering management.

Engineering Accounting  
Engineering Economics and Decision Analysis  
Engineering Finance

Satisfactory completion of coherent three-course (9 credit hours) concentration, approved by the adviser.

## ADVANCE ANALYTICS

America's accelerating trend in corporate governance has created a need for individuals who combine a solid technical foundation with in-depth business knowledge and advanced leadership skills. Developing these accomplished individuals is the purpose of the Master of Science in Engineering Management degree at Lyle. This innovative, 30-hour program prepares engineers for opportunities to lead successful organizations—even start their own companies. Lyle's well-rounded curriculum combines traditional business subjects with courses in information technology, global resourcing, entrepreneurship, and especially, the techniques of directing and empowering engineering teams. Through collaboration and interaction, participants hone their ability to think critically, communicate effectively, and drive organizational success skillfully and competitively.

## TRANSFER KNOWLEDGE

The master's program in engineering management at SMU-Lyle is designed for very qualified, highly motivated, achievement-oriented individuals. It's built around small classes and highly knowledgeable instructors, many of them working practitioners drawn from Dallas area business and engineering enterprises. It's an innovative program that goes beyond the basics to educate, motivate, and inspire those who want to use their engineering abilities as the springboard to a much larger, even more significant role in the global marketplace.