The SMU M.S. in engineering entrepreneurship is designed for the confident engineer who wants to master the alchemy of bringing new technology to the market and managing products based on sophisticated technology. The fast-paced 31-hour program blends entrepreneurship courses from the Cox School of Business with Lyle courses in engineering and engineering management. The two-semester program is anchored by a yearlong ‘Technology Commercialization Studio’ in which students explore a new technology and its commercial opportunities and develop their high-tech product management skills.

Beginning in fall 2017, this degree will prepare a new generation of engineers to look at technology through a business lens. The program will develop students to fill leadership roles of managers and entrepreneurs, who can jumpstart new technology ventures in small and large companies across the world.

FIND US HERE

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In addition to meeting the Lyle School of Engineering degree requirements for an M.S. degree, candidates must satisfy the following requirements:

1. **Satisfactory completion of the five core courses (16 CH):**
   - CISB 6226 Evaluating Entrepreneurial Opportunity (Cox)
   - CISB 6222 Starting a Business (Cox)
   - STRA 6224 Entrepreneurial Strategy (Cox)
   - EMIS 7501 Technology Commercialization Studio I (Lyle)
   - EMIS 7503 Technology Commercialization Studio II (Lyle)

2. **Satisfactory completion of three courses from following (6 CH):**
   - CISB 6210 Essential Law for the Entrepreneur
   - CISB 6211 Enhancing Operational Performance for Entrepreneurial Companies
   - CISB 6212 International Entrepreneurship
   - CISB 6214 Law of Financial Transactions for Entrepreneurs
   - CISB 6218 Managing the Family-Owned and Closely Held Business
   - CISB 6220 Social Media for Entrepreneurs
   - CISB 6224 Venture Financing
   - CISB 6225 Entrepreneurial Exit Strategies
   - CISB 6228 Corporate Entrepreneurship: Intrapreneuring
   - BAEX 6237 Global Explorations in Entrepreneurship

3. **Satisfactory completion of two courses from following (6 CH):**
   - CEE 8326 Sustainable Development
   - EMIS 8358 Technical Entrepreneurship
   - EMIS 7351 Enterprise Fundamentals
   - EMIS 7365 Program and Product Management
   - EMIS 7366 Marketing Engineering
   - EMIS 8361 Engineering Economics and Decision Analysis
   - EMIS 8364 Engineering Management

4. **Satisfactory completion of one three hour course (3 CH) from any Lyle graduate program, approved by the adviser.**

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**PROGRAM DESIGN**

SMU’s Master of Science in Engineering Entrepreneurship is a two-semester (31-credit hour) cohort-based program in the EMIS Department of the Lyle School of Engineering. Offered in concert with Lyle (19 CH) and the Cox School of Business (12 CH), this program is open to incoming students who have an engineering undergraduate degree (or equivalent). The GRE or the GMAT is required for admission; and if applicable, the TOEFL (foreign language proficiency test). The program will consider entrepreneurship in an engineering context, allowing students the ability to add to their engineering expertise, particularly in topics relevant to their entrepreneurial aspirations.

Graduates of the master’s in engineering entrepreneurship will be engineers who look at the role of new technology in society with a business perspective. They will have the ability to apply that knowledge to bring new technology to the marketplace, thus fulfilling the growing regional and national need for exceptionally trained engineering product managers and entrepreneurs to start and lead new technology ventures.

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**TECHNOLOGY COMMERCIALIZATION STUDIO**

Rigorous, formal, and successful courses with proven impact will be offered by the Cox School in entrepreneurship knowledge and practice. Management in an engineering context will be taught in well-established courses in Lyle’s EMIS Department. A third anchor for the master’s in engineering entrepreneurship will be a new, two-semester course offering unique to SMU: The Technology Commercialization Studio. It will feature:

- Management of products with high technology content;
- Incubation of novel technology from students and SMU’s research laboratories;
- C-level mentors from successful small and medium sized engineering and venture capital firms, and
- Lectures from experts in intellectual property, the legal aspects of business, ethics, financing, fundraising, sales, and other subject matter vital to the practice of engineering entrepreneurship.