### Executive Summary

The BEng in Industrial Engineering and Engineering Management is a flagship program designed to equip students with a robust understanding of both engineering and business principles. The program is structured to ensure students gain expertise in core engineering subjects while also developing strong business acumen. This dual-specialization approach prepares graduates for careers in sectors where engineering and business strategies intersect, such as operations management, product development, and business analysis.

### Program Details

- **Core Courses**:
  - Enabling Knowledge (Engineering/Management/Science): 6 credits
  - Engineering Core Courses: 16 credits
  - Core Management Courses: 6 credits
  - Pathway 1: Substitution of IEDA 3010 (Academics Orientation) for IEDA 2510 (Engineering Probability and Statistics) 3 credits

- **Electives**:
  - Students choose 9 courses from the departments under SB&M for SB&M Electives.

### Program Benefits

- **Flexible Pathway Options**
- **Career Preparation**
- **Global Perspective**

### Program Structure

- **Year 1**: Introduction to Information Systems, Engineering Seminar Series
- **Year 2**: Advanced Microeconomics, Industrial Data Systems, Academic and Professional Development II
- **Year 3**: Engineering Management, System Simulation, Business Statistics
- **Year 4**: Engineering Design Project, Industrial Engineering and Modern Logistics, Financial Management

### Program Outcomes

- **Emerging Economy Professionals**
- **Undergraduate Engineering and Management Knowledge**
- **Effective Communication Skills**
- **Technical and Business Competencies**

### Program CONTACTS

For more information, contact the Interdisciplinary Programs Office.

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**Notes**: (1) This course will also be used to substitute ISOM 2010.
(2) Note: IELM2010 OR IELM2200 (Students taking Research Option must take IELM4901)