Master of Engineering in Industrial Engineering (ME IE)

• A program of 30 credit hours, or equivalently, 10 courses.

• Course requirements in three aspects:
  Aspect 1: four courses covering the breadth of industrial engineering

  1. ISEN 601 or ISEN 615 (logistics and inventory control)
  2. ISEN 614 (quality engineering)
  3. ISEN 630 or ISEN 631 (human factors)
  4. ISEN 667 (engineering economy)

  Aspect 2: three courses covering essential modeling techniques and tools

  1. ISEN 613 (data analytics models and tools)
  2. ISEN 620 (optimization models and tools)
  3. ISEN 625 (simulation models and tools)

  Aspect 3: Three elective courses (can be either ISEN courses or non-ISEN courses).

• The final exam (also known as the oral defense) may be waived for this degree.