

University of Indianapolis – Shaheen College of Arts & Sciences: R.B. Annis School of Engineering
2025-2025 Curriculum Guide for Industrial and Systems Engineering concentration (ISEN)
 Concentration

Required Courses (9 credits):

- **ISEN 210** Introduction to Industrial Engineering (3)
- **ISEN 220** Process Modeling and Simulation (3)
- **MATH 350** Probability and Statistics I (3)

Elective Courses (6 credits):

- **ISEN 300** Human Factors Engineering and Ergonomics (3)
- **ISEN 320** Facilities Planning (3)
- **ISEN 335** Operations Research I (3)
- **ISEN 340** Operations Research II (3)
- **ISEN 410** Introduction to Systems Engineering and Design (3)
- **ISEN 460** Introduction to System Architecture and Design (3)
- **ENGR 210** Engineering Economics (3)

Total Hours: 15 credit hours

NOTES: A grade of C- (1.7 on a 4.0 scale) or higher is required in all courses applying towards this concentration.

REMEMBER: If you have any questions about the Computer Engineering concentration requirements, contact a faculty advisor from the R. B. Annis School of Engineering (Kenneth Reid, 788-3657; Annis Hall, Room 105)) or your academic advisor. Courses and requirements sometimes change so keep in contact with your advisor.