Fall 2017 Industrial Engineering Degree Plan Flowchart

- **Freshman Fall Semester**: 14 hours
  - RWS 1301 + Rhetoric & Composition I
  - Component Area elective + Suggested: COMM 1302 Business and Prof. Communication

- **Freshman Spring Semester**: 16 hours
  - RWS 1302 + Rhetoric & Composition 2
  - Component Area elective + Suggested: COMM 1302 Business and Prof. Communication

- **Sophomore Fall Semester**: 15 hours
  - HIST 1301 + History of U. S. to 1865
  - Component Area elective + Suggested: UNIV 1301 Seminar Critical Inquiry

- **Sophomore Spring Semester**: 15 hours
  - HIST 1302 + History of the U. S. since 1865
  - Component Area elective + Suggested: UNIV 1301 Seminar Critical Inquiry

- **Junior Fall Semester**: 15 hours
  - POLS 2310 + Introduction to Politics
  - Social & Behav. Science elect. + Required: CE 2326 Econ for Engr. & Scient.

- **Junior Spring Semester**: 16 hours
  - MATH 2326 + Differential Equations (MATH 1312 +)
  - Math 4329 Numerical Analysis (MATH 3323 +)

- **Senior Fall Semester**: 15 hours
  - MATH 3331 Systems Engineering. (IE 3373 +)
  - IE 3352 Design of Experiments (IE 3373 +)

- **Senior Spring Semester**: 14 hours
  - Technical elective
  - IE 4466 Senior Design (Final semester & 2.0 GPA overall and in major - IE)

- **Creative Arts Elective**: Select two courses from BUSN 1301; COMM 1301, 1302; CS 1310, 1320; SCI 1301; UNIV 1301

- **Component Area Electives**: Select two courses from BUSN 1301; COMM 1301, 1302; CS 1310, 1320; SCI 1301; UNIV 1301

- **Social and Behavioral Science Elective**: Select a course from ANTH 1301, 1302, 1310, 2320; CE 2326; COMM 2350, 2372; ECON 2303, 2304; EDPC 1301; EDU 1342; ENGL 2320; GEOG 1310; LING 2320, 2340; PSYC 1301; PSYC 1301

- **Language, Philosophy & Culture Elective**: Select a course from ENGL 2311, 2312, 2313, 2314, 2318; FREN 2222; HIST 2301, 2302; PHIL 1301, 2306; RS 1301; SPAN 2340; WS 2300, 2350

- **Technical Electives**: Select three courses from the following IE 4333, 4371, 4395, 4396, 4397: RWS 3359; or any Junior or Senior level course from the College of Engineering, College of Science, or College of Business Administration

**Total credit hours:** 120