## Fall 2017 Industrial and Systems Engineering Degree Plan Flowchart

### Freshman Fall Semester (14 hours)
- RWS 1301 + Rhetoric & Composition I
- RWS 1302 + Rhetoric & Composition 2

### Freshman Spring Semester (16 hours)
- Component Area elective + Suggested: COMM 1302 Business and Prof. Communication

### Sophomore Fall Semester (15 hours)
- HIST 1301 + History of U. S. to 1865
- HIST 1302 + History of the U. S. since 1865
- POLS 2310 + Introduction to Politics
- Creative Arts elective +

### Sophomore Spring Semester (15 hours)
- MATH 2316 + Differential Equations (MATH 1312 +)
- MATH 2326 +
- POLS 2311 + American Gov. And Politics
- Technical elective Sp & Fa

### Junior Fall Semester (15 hours)
- MATH 2326 +
- LANG, PHIL, & Culture elective + Suggested: PHIL 2306 Ethics
- Technical elective Sp & Fa

### Junior Spring Semester (16 hours)
- MATH 2326 +
- TECH 2311 + Manufacturing Engineering Lab (MATH 1305 +)

### Senior Fall Semester (16 hours)
- Technical elective Sp & Fa

### Senior Spring Semester (14 hours)
- IE 4355 Industrial Syst. Simulation (IE 3373 +)
- Sp & Fa

### Total credit hours: 120

### NOTES:
- Fa: offered only on Fall term; Sp: offered only on Spring term; Sp & Fa: offered only on Spring & Fall terms. All the other courses are offered Fall, Spring and Summer terms
- Grade of “C” or better required. ( ) or → means prerequisite(s) course(s)
- 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; SOCI 1301, 1310
- Language, Philosophy & Culture Elective: Select a course from ENGL 2311, 2312, 2313, 2314, 2318; FREN 2322; HIST 2301, 2302; PHIL 1301, 2306; RS 1301; SPAN 2340; WS 2300, 2350
- Creative Arts Elective: Select a course from ARTS 1300; ARTH 1305, 1306; DANC 1304; FILM 1390; MUSL 1321; 1324, 1327; THEA 1313
- 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