IE Curriculum Flow Chart 2015-2016

Fall 1st Year
- ENGR:1100 (3) EPS I
- RHET:1000 (4) Accel. Rhetoric
- MATH:1550 (4) Eng. Math I
- ENGR:1000 (1) 1st Yr. Seminar
- CHEM:1110 (4) Chem I

Spring 1st Year
- ENGR:1300 (3) EPS II
- MATH:2550 (2) Eng. Math III
- MATH:1560 (4) Eng. Math II
- PHYS:1611 (4) Physics I

Fall 2nd Year
- MATH:2560 (3) Eng. Math IV
- ENGR:2120 (3) EF II Circuits
- PHYS:1612 (3) Physics II
- ENGR:2110 (2) EF I Statics
- ENGR:2130 (3) EF III Thermo
- PSY:1001 (3) Psych.
- IE:2000 (0) IE Soph. Seminar

Spring 2nd Year
- IE:3500 (3) Info. Sys. Design
- IE:2500 (3) Eng. Econ.
- (3) EFA I
- ENGR:2720 (3) Material Science

Fall 3rd Year
- (3) GEC III
- IE:3700 (3) Operations Research
- IE:3610 (3) Stochastic Modeling
- ENGR:2760 (3) Design for Manufact.
- IE:3400 (3) Human Factors

Spring 3rd Year
- (3) GEC IV
- IE:3750 (3) Digital Sys. Sim.
- IE:3300 (3) Manufact. Systems
- STAT:3200 (3) App Linear Regression
- IE:3450 (3) Ergonom.
- (3) EFA II
- IE:3000 (0) Profess. Seminar

Fall 4th Year
- (3) EFA III
- (3) GEC V
- IE:3600 (3) Quality Control
- (3) EFA IV

Spring 4th Year
- IE:3000+ (3) Systems Elective
- (3) EFA V
- IE:4600 (4) IE Design Project
- (3) EFA VI
- (3) EFA VII
- IE:3000 (0) Profess. Seminar

Notes:
Number in parentheses after the course number indicates the number of credits.
Heavy outline indicates that course is offered only once per year in the indicated semester.
Systems Elective can include IE:4900, IE:4550, IE:3149, IE:4172, or ENGR:2730. Alternatively, students can take a 5000 or above level Industrial Engineering course (3 sh), with the permission of the instructor, to fulfill this Systems Elective requirement.