Fall 2013- Summer 2014 IE Degree Map

First year

- MATH 1411 + Calculus I (MATH 1508 +)
- ENGL 1311 + English Composition
- CHEM 1305 + & CHEM 1105 + General Chemistry (MATH 1508 +)
- UNIV 1301 + or 2350 +
- Visual and Performing Arts Elective (#) +

Second year

- MATH 1312 + Calculus II (MATH 1411 +)
- ENGL 1312 + Research and Critical Writing (ENGL 1311 +)
- IE/CE 1205 or MECH 1305 + Graphics Fundamentals
- HIST 1301 + History of U. S. to 1865
- History of the U. S. since 1865

Third year

- IE 3331 Systems Engineering (IE 3373 +) Fa
- IE 3373 + Engineering Probability (MATH 2313 +)
- MATH 3323 + Matrix Algebra (MATH 1312)
- Technical Elective* Sp & Fa
- POLS 2310 + Introduction to Politics
- Social or Behavioral Science (#) +
- COMM 1302 + Business and Professional C.

Fourth year

- IE 4390 Operations Research II (MATH 3323 +) Fa
- Math 4329 Numerical Analysis (MATH 3323 +) Sp & Fa

Total Semester Credit Hours 120

NOTES:
Prerequisites listed in parentheses
Fa: Course offered only on Fall term; Sp: Course offered only on Spring term; Sp & Fa: Course offered only on Spring & Fall terms.
All the other courses are offered Fall, Spring and Summer terms.
+ : Grade of "C" or better required.
# : Selected from the list of University Core Approved Classes
*: Selected from the following list of approved Technical Electives: IE 4333, IE 4371, IE 4395, IE 4396, IE 4397, ENGL 3359, OSCM 3331, OSCM 3333, OSCM 3337, OSCM 4375, any upper course from the College of Engineering and any upper division course from the College of Science.