Undergraduate Program in Industrial and Systems Engineering
The Ohio State University
Beginning courses at OSU Autumn Semester 2012

Students must complete (or be in progress with) the courses listed below before applying to the ISE major:

- ENG 1181.xx (or ENG 1281.02) (2) ___
- ENG 1182.xx (or ENG 1282.02) (2) ___
- OR
- ENG 1186.01 (1.5) ___
- ENG 1187 (1) ___
- ENG 1188 (1.5) ___
- CSE 1222 (3) ___
- ENGLISH 1110.xx (3) ___
- MATH 1151 (5) ___
- MATH 1172 (5) (or 1152) ___
- OR MATH 1161.02 for both 1151 & 1172 ___
- MATH 2173 (3) (or 2153 (4) or 2162) ___
- PHYS 1250 (or PHYS 1260) (5) ___
- PHYS 1251 (or PHYS 1261) (5) ___
- Additional Science (4) ___
(Choose from: Chem 1250, Bio 2100)
- ME 2040 (4) ___
- ENG. SCIENCE (3) ___ (Choose from:
  ME 2030, ME 3500, MSE 2010, ECE 2300,
  CSE 2111, CSE 2122, ME 2850)
- STATS 3470 (3) ___

Acceptance into this program is based on the Eligibility Point Hour Ratio (EPHR) of:
- ENG 1181, CSE 1222, ENGLISH 1110.xx, MATH 1151, MATH 1172, PHYS 1250

Applications are accepted during both Autumn & Spring terms.
Speak with Pre-Major Advisor about specific application deadlines

Sequence of ISE core courses:

**First Semester in Major**
ENGINEER 2367
ISE 2040 (2)
ISE 2400 (2)
MATH 2174
Gen Ed - Ethics

**Second Semester in Major**
ISE 2500 (3)
ISE 3200 (3)
ISE 3600 (3)
ISE 3700 (3)

**Third Semester in Major**
ISE 3210 (3)
ISE 3400 (4)
ISE 3800 (3)
ISE 4120 (3)

**Fourth Semester in Major**
ISE 4100 (4)
Technical Elective
Technical Elective
Technical Elective
Gen Ed

**Final Semester in Major**
ISE 4900 (4)
Technical Elective
Technical Elective
Technical Elective
Technical Elective