Please work with your academic advisor to review any questions about critical requirements, elective, and industry focus area requirements.

**Notes:**
- **ASU 101** is required for all students following the 2011-2012 catalog.
- **See CIDSE Advising Center or CIDSE Website (http://engineering.asu.edu/cidse) for approved technical electives and approved lab science sequence courses.**
- *Designates critical requirements for IE admits in the 2011-2012 academic year. Minimum ‘C’ grade required in all IEE courses.*
1. One Class Upper Division (HU or SB) - 3 semester hours
   MUST BE TAKEN AT A 4-YEAR INSTITUTION
   a. 

2. Two Classes HU (Humanities) – 6 semester hours minimum
   a. 
   b. 

3. Two Classes SB (Social Behavioral) – 6 semester hours minimum
   a. ECN 211 – Macroeconomics (required for IE Degree)
   b. 

Within these four classes, you need to select courses that include three awareness areas: cultural, global, and historical. No one class can contain more than two awareness areas. You may fulfill the awareness areas with two classes (minimum). Contact your advisor if you have questions.

Example:

1. At least one Upper Division (HU or SB) – 3 semester hours
   a. REL 321 (Religion in America) - Humanities (HU) plus cultural diversity and historical awareness

2. Two Classes HU (Humanities) – 6 semester hours minimum
   a. CON 101 (Construction and Culture: A Built Environment) – Humanities (HU) plus global and historical
   b. PHI 101 (Introduction to Philosophy) – Humanities (HU)

Two Classes SB (Social Behavioral) – 6 semester hours minimum
   c. ECN 211 – Macroeconomics (required for IE Degree) – Social Behavioral (SB)
   d. PGS 101 (Introduction to Psychology) – Social Behavioral (SB)

Question: The three awareness areas were met with what classes? CON 101 and REL321

Basic Science Elective Course List

- BIO 181: General Biology I (SQ)
- BIO 182: General Biology II (SG)
- BME 111: Engineering Perspectives on Biological Systems
- GLG 101: Introduction to Geology I (Physical) (SQ & G)
- GLG 102: Introduction to Geology II (Historical) (SG & H)
- GLG 110: Dangerous World (SG & G)