

**Advanced Standing Requirements for BS in Industrial Engineering**  
**Catalogs: Fall 2012 – Present**

Advanced Standing requires successful completion of courses listed in the freshman and sophomore curricula, with at least 12 units completed at the University of Arizona and a minimum 2.0 gpa. The following course work must be completed to achieve Advanced Standing in Industrial Engineering:

A. English Composition Requirement - complete one of the following:

1. ENGL 101 or ENGL 107 -AND-  
ENGL 102 or ENGL 108
- OR-
- ENGL 109H

B. Mathematics:

1. 1 course from: MATH 122A/B, 124, 125
2. MATH 129
3. MATH 223

C. Chemistry:

1. CHEM 151
2. 1 course from MSE 110 or CHEM 152

D. Physics:

1. PHYS 141
2. PHYS 241

E. Engineering Sciences:

1. ENGR 102 (or approved substitute course)
2. 1 course from CSC 127A or ECE 175 or CSC 110
3. 1 course from AME 230, CE 214, ECE 207, ECE 220 or CHEE 201

F. Industrial Engineering (must have grade of C or better):

1. SIE 250
2. SIE 265
3. SIE 270
4. SIE 277
5. SIE 295S

Students who transfer all or some courses for Advanced Standing will receive temporary Advanced Standing until they complete 4 engineering courses (12 units) at UA.

Please see SIE academic advisor for Advanced Standing requirements if in a catalog older than fall 2012.