Bachelor of Science in Industrial Engineering (Standard Option – B525)
Summer 2014 through Spring 2015 – Total Credit Hours: 124

FRESHMAN
- Fall 16 Hours
- MATH 1914: Differential & Integral Calculus I
- CHEM 1315: General Chemistry
- ENGL 1113: English Composition
- ENGR 1411: Freshman Engineering Experience
- PHYS 2514: General Physics for Engineering & Science Majors
- PSC 1113: American Federal Government
- ENGR 1213: English or Expo Writing
- CS 1323, or CS 1313: Programming

SOPHOMORE
- Spring 14 Hours
- MATH 2924: Differential & Integral Calculus II
- PHYS 2524: General Physics for Engineering & Science Majors
- HIST 1483, or HIST 1493
- ENGL 1213, or EXPO 1213
- ECE 2113: Statics & Dynamics
- ECE 2153: Mechanics of Materials
- ISE 2823: Enterprise Engineering
- ISE 2311: CAD & Graphics Lab
- ISE 4113: Decision Support Systems
- ISE 4623: Deterministic Systems Models

JUNIOR
- Fall 16 Hours
- MATH 2934: Differential & Integral Calculus III
- PHYS 2524: General Physics for Engineering & Science Majors
- ENGR 2002: Professional Development
- ISE 3293: Applied Engineering Statistics
- ISE 2303: Design & MFG Processes
- ISE 4113: Decision Support Systems
- ISE 4623: Deterministic Systems Models
- ISE 4804: Ergonomics in Systems Design

SENIOR
- Spring 15 Hours
- Approved Elective: Social Science (Core III)
- ENGR 2461: Thermodynamics
- ISE 4553: Data-Driven Decision Making I
- ENGR 3441: Fluid Mechanics
- ISE 4423: Fundamentals of Engineering Economy
- ISE 4853: Data-Driven Decision Making II
- ISE 4333: Production Systems and Operations
- ISE 4333: Production Systems and Operations
- ISE 4333: Production Systems and Operations

Program Notes:
1. Concurrent Enrollment Required
2. Sophomore Standing
3. Permission of the Instructor
4. Senior Standing
5. Graduate Standing
6. Junior Standing

Shaded courses are only offered once a year. One of the four Approved Electives must be upper-division (3000 – 4000) level.
◊ Must have completed all ISE courses scheduled in prior semesters.
This flowchart is not an official check sheet of degree requirements. It is meant to be used as a supplemental visual guide to be used along with the official University of Oklahoma degree check sheet

http://checksheets.ou.edu/engrindx.htm

Modified: 2014-01-27/ajp