Bachelor of Science in Industrial Engineering: Information Technology / Master of Science in Industrial Engineering (A526 / F526)
Summer 2013 through Spring 2014 – Total Credit Hours: 155

FRESHMAN
- Fall
  - ENGL 1113 English Composition
- Spring
  - ENGR 1411 Freshman Engineering Experience

SOPHOMORE
- Fall
  - MATH 1914 Differential & Integral Calculus I
  - CHEM 1315 General Chemistry
- Spring
  - PHYS 2514 General Physics for Engineering & Science Majors
  - PSC 1113 American Federal Government

- Fall
  - MATH 2934 Differential & Integral Calculus II
  - ENGL 1213, or EXPO 1213 English or Expo Writing
  - ENGR 1411 Freshman Engineering Experience
- Spring
  - PHYS 2524 General Physics for Engineering & Science Majors
  - HIST 1483, or HIST 1493 American Federal Government

JUNIOR
- Fall
  - ISE 2823 Enterprise Engineering
  - ENGR 2002 Professional Development
- Spring
  - ISE 2303 Design & MFG Processes
  - ISE 2311 C&E 2111 Statics & Dynamics

- Fall
  - ISE 2933 Applied Engineering Statistics
  - CS 2334 Programming Structures & Abstractions
  - CS 2413 Data Structures
- Spring
  - ISE 3304 Design and Manufacturing II
  - ISE 4113 Decision Support Systems

SENIOR
- Fall
  - ENGR 2461 Thermodynamics
  - ENGR 2483 CAD & Graphics Lab
- Spring
  - ISE 3293 Data-Driven Decision Making I
  - ISE 4563 Quality and Reliability Engineering

- Fall
  - ISE 4223 Fundamentals of Engineering Economy
  - Approved Elective: Artistic Forms (Core IV)
- Spring
  - ISE 4223 Fundamentals of Engineering Economy
  - CS Elective

5TH YEAR
- Fall
  - ENGR 2461 Thermodynamics
  - ENGR 2483 CAD & Graphics Lab
- Spring
  - ISE 3293 Data-Driven Decision Making I
  - ISE 4563 Quality and Reliability Engineering

- Fall
  - ISE 3293 Data-Driven Decision Making I
  - ISE 4563 Quality and Reliability Engineering
- Spring
  - ISE 3293 Data-Driven Decision Making I
  - ISE 4563 Quality and Reliability Engineering

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