Industrial Engineering /German Degree Guide

Fall Semester Year 1
- MATH 2554 Calculus I
- CHEM 1103 Univ. Chemistry I
- PHYS 2054 University Physics I
- GNEG 1111 Introduction to Engineering I
- ENGL 1013 Composition I

15 Semester Hours

Summer School Session I
- GERM 2003 Intermediate German I*
- MEEG 2303 Intro to Materials

6 Semester Hours

Fall Semester Year 2
- INEG 2001 Industrial ENGR Seminar
- INEG 2103 Intro to Industrial ENGR
- INEG 2313 Appl. Prob. & Stat. for ENGRs I
- INEG 2413 ENGR Economic Analysis
- MATH 2574 Calculus III
- GERM 3003 Advanced German I

17 Semester Hours

Fall Semester Year 3
- INEG 3623 Simulation
- INEG 3713 Methods & Standards
- GEOS 2003 World Regional Geography
- Science Requirement**
- GERM 3013 Introduction to Literature

15 Semester Hours

YEAR 4 ABROAD

Study Abroad Semester
- Technical/Science Elective ***
- GERM 3000+ Language/Humanities Course
- GERM 4213 German Civilization
- Fine Arts Elective
- Technical/Science Elective ***

15 Semester Hours

Fall Semester Year 5
- INEG 4433 Systems Engineering and Management
- INEG 4553 Production Planning/Control
- INEG Elective
- INEG Elective
- HIST 1113 World Civilizations I
- PHIL 2003 or WLIT 1113

18 Semester Hours

Spring Semester Year 1
- MATH 2564 Calculus II
- PHYS 2074 University Physics II
- HIST 2003 or HIST 2013 or PLSC 2003
- GNEG 1121 Introduction to Engineering II
- ENGL 1023 Composition II

15 Semester Hours

Summer School Session II
- GERM 2013 Intermediate German II
- MEEG 2003 Statics

6 Semester Hours

Fall Semester Year 2
- INEG 2403 Industrial Cost Analysis
- INEG 2333 Applied Prob. & Stats for ENGRs II
- INEG 2513 Manufacturing Design
- CSCE 2004 Programming Foundations I
- GERM 4003 Advanced German II

16 Semester Hours

Fall Semester Year 3
- INEG 3623 Simulation
- INEG 3713 Methods & Standards
- GEOS 2003 World Regional Geography
- Science Requirement**
- GERM 3013 Introduction to Literature

15 Semester Hours

Spring Semester Year 3
- INEG 3613 Intro to Operations Research
- INEG 4723 Ergonomics
- MATH 2584 Differential Equations
- ECON 2143 Basic Economics
- GERM 3033 Conversation

16 Semester Hours

International Internship Abroad

Internship in German-Speaking Country
- GERM 3000+ Elective

3 Semester Hours

Spring Semester Year 5
- INEG 4904 Industrial Engineering Design
- INEG Elective
- INEG Elective
- ELEG 3903 Electric Circuits & Machines
- HIST 1123 World Civilizations II

16 Semester Hours

158 Total Hours

* This is based on the assumption that the student already has credit for GERM 1003 and 1013. Otherwise the student will need to take those classes as well, adding 6 extra hours to their studies.
** The approved list of science electives is available in the industrial engineering departmental office.
*** One of these must be taken in German