

# ISE Undergraduate Curriculum

## Enterprise Operations

ISE 155 Supply Chain Engineering  
ISE 140 Opns Plng & Control  
ISE 142 Services Engineering  
ISE 115 Lean Integrated Mfg  
ISE 160 Healthcare Delivery Systems

## Eng. Management

ISE 105 Intr Systems Engrg  
ISE 102 Engrg Economics  
ISE 151 Engrg Mgmt

## Math Modeling

ISE 130 Statistics  
ISE 167 Simulation  
ISE 170 Operations Research  
ISE 194 Analytics Workshop  
ISE 133 Data Mining &  
Analysis for Industrial Sys

## Human Component

ISE 112 Occ Hlth Engrg  
ISE 114 Safety Engineering  
ISE 120 Work Methods & Measurement  
ISE 164 Human Computer Interaction

## Eng. Breadth

Engr 10 Problem Solving  
ME 20 Design & Graphics  
CmpE 30 Programming  
Concepts and Methodology  
MatE 25 Intro to Materials

## Quality Control

ISE 131 Quality Control ISE 135  
Design of Expts  
ISE 161 Medical Errs Reduction  
and Patients Safety Engr  
ISE 196R Reliability

