MASTER OF SCIENCE IN SUPPLY CHAIN ENGINEERING

The Master of Science in Supply Chain Engineering is a new professional graduate degree program created to meet the growing demand for business-savvy engineers who can design and synchronize highly complex global supply chains. The program's intensive 12-month curriculum delivers academic knowledge in analytic methods, supply chain engineering, and enterprise management while building professional practice skills and real-world industry experience.

Program applicants may come from a wide range of academic, business, and geographical backgrounds, but they will share a common motivation: to pursue a highly focused graduate education experience in supply chain engineering and to subsequently explore immediate career opportunities with global enterprises.

Program Requirements

Code	Title	Credit Hours
Analytics		
ISYE 6333	Operations Research for Supply Chain Engineering I	3
ISYE 6334	Operations Research fo Supply Chain Engineering II	3
Engineering		
ISYE 6335	Supply Chain Engineering I	3
ISYE 6336	Supply Chain Engineering II	3
ISYE 6339	Supply Chain Information Systems	3
Supply Chain Design		
ISYE 6337	Supply Chain Engineering III	3
ISYE 6338	Suppply Chain Strategy	3
Supply Chain Practice		
ISYE 6340	Supply Chain Engineering Seminar	3
ISYE 6341	Capstone Project for Supply Chain Engineering I	6
or ISYE 6342	Capstone Project for Supply Chain Engineering II	
Total Credit Hours		**30**

Practicum Track Requirements

Code	Title	Credit Hours
Analytics		
ISYE 6333	Operations Research for Supply Chain Engineering I	3
ISYE 6334	Operations Research fo Supply Chain Engineering II	3
Engineering		
ISYE 6335	Supply Chain Engineering I	3
ISYE 6336	Supply Chain Engineering II	3
ISYE 6339	Supply Chain Information Systems	3
Supply Chain Design		
ISYE 6337	Supply Chain Engineering III	3
ISYE 6338	Suppply Chain Strategy	3
Supply Chain Practice		**6**
INTN 600X	Graduate Internship Program	
ISYE 6341	Capstone Project for Supply Chain Engineering I	
or ISYE 6342	Capstone Project for Supply Chain Engineering II	
Electives		**3**
ISYE 6340	Supply Chain Engineering Seminar	
ISYE 6202	Warehousing Systems	
ISYE 6201	Manufacturing Systems	
ISYE 6501	Intro Analytics Modeling	
ISYE 6414	Statistical Modeling and Regression Analysis	
ISYE 6644	Simulation	
ISYE 6661	Linear Optimization	
ISYE 6662	Discrete Optimization	
ISYE 7203	Logistics Systems Engineering	
Total Credit Hours		**30**

BS/MS Program

A combined BS/MS program that will allow students to graduate with a Bachelor of Science in Industrial Engineering and a Master of Science in Supply Chain Engineering. Contact the School of Industrial Engineering for more information.