Supply Chain Engineering
Degree Education @ Georgia Tech
U.S. Rankings

PUBLIC UNIVERSITY

ENGINEERING SCHOOL

INDUSTRIAL ENGINEERING

U.S. News & WORLD REPORT

Best Colleges
Largest IE program in the country
- 2nd largest is not even half our size

50+ Faculty
- 10 Endowed Chairs, 5 NAE Members

1,600 Undergraduate students
- 300 BSIE degrees annually

1100 applications for graduate programs
- 50 MS in Supply Chain Engineering graduates annually
- 100 other MS degrees annually (IE, OR, Statistics)
- 30 PhD doctorate degrees annually

$10+ million annual sponsored research
Flexible curriculum with depth

- Core analytic methods
  - Statistics, economics, optimization, simulation, probabilistic modeling, decision analysis

- Supply Chain Engineering Track (6 courses)
  - Manufacturing (Intro and Advanced), Logistics (Intro and Advanced)
  - Supply Chain Economics, Economic Decision Analysis, Quality Control, Forecasting, …
Senior Design
- 1-semester capstone project course
- 20-30 teams each semester
- Each team works with a company sponsor on major design problem
- Finalist Competition
- Website with more information

https://www.isye.gatech.edu/senior-design
Professional engineering graduate degree program
- Engineering degree with a focus on professional practice
- Create “business-savvy” engineers for supply chain analytics and management roles

For new graduates or young professionals with 1-5 years experience

Intensive 12-month full-time curriculum focuses on:
- Analytic methods
- Supply chain engineering
- Enterprise management
- Professional business development
- Real-world industry experience
Master of Science
Supply Chain Engineering

- **Capstone Industry Experience**
  - Internship or team projects
  - Identify problem, propose approach, conduct analysis, deliver results
  - Sponsored by business, government, and international non-government agencies

- **International Partnerships**
  - 12-month students international (US, Europe, Japan, Korea, China, India…)
  - Transfer student partnerships (Singapore, Panama, Chile)

- **Placement**
  - Exclusive networking opportunities (guest speakers, facility visits)
  - Special recruiting events with industry partners
Professional Masters Degree in executive format

5 two-week international residences over 18 months – North America, Europe, Latin America, Asia
   Intensive classroom and site visit learning

Distance learning between residences
   Webinars, case studies, readings, global projects

Class Profile
   Average age = 42
   Average years experience = 15
   Senior level logistics and supply chain executives
Opportunities to Engage with ISyE and SCL

Education programs designed for each category of employee, contractor, enlisted service
- New hires, early recruits
- Mid-career managers, front line supervisors, folks in the trenches
- Senior management, officers, those climbing up the ranks taking on significant responsibility

Research, Sponsored Projects, Capstone Projects
- Internships, Co-Ops
- Masters students – great resource for analytical work
- Contract research with Faculty and PhD students