

# Dual Degree Programs

**ILLINOIS TECH**

Stuart School of Business



**YONSEI**  
UNIVERSITY



## Illinois Tech

Located in the global metropolis of Chicago, Illinois Institute of Technology—known as Illinois Tech—draws students, faculty, and staff from around the world.

Illinois Tech's undergraduate and graduate students are enrolled in degree programs in engineering, science, architecture, business, design, human sciences, applied technology, and law.

## Stuart School of Business

As the only business school in Chicago that is part of a technology-focused university, Illinois Tech's Stuart School of Business offers challenging business and management programs that are taught from an applied perspective and attuned to leading-edge industry practices.

Courses emphasize hands-on problem solving and mastery of the quantitative, analytical, and technological skills that employers seek. Stuart faculty provide personal attention and bring their industry experience to their teaching.

The school's Career Management Center provides career advising, presentations by business professionals, and networking opportunities exclusively for business students.

Stuart is accredited by the Association to Advance Collegiate Schools of Business (AACSB) International and is the only university partner of the IBM Skills Academy in the Chicago area.



## Yonsei University

Founded in 1885, Yonsei University in Seoul, Korea is one of the top-rated comprehensive universities in Asia and is dedicated to the values of truth and freedom and to educating innovative leaders with a community spirit. The university includes 16 colleges and 15 graduate schools spread over three campuses, with a combined total of more than 5,600 faculty members and 38,000 degree-seeking students.

Located in a spacious, well-wooded space in the heart of Seoul, Yonsei offers students a beautiful, culturally-rich environment where tradition and trendy youth cultures meet.

## Yonsei School of Business and the Global M.B.A. Program

Yonsei University School of Business was one of the first institutions to establish a Master of Business Administration program in Asia and proudly boasts about 10,000 M.B.A. graduates.

The school's faculty members have received their Ph.D. degrees from prestigious universities, including Carnegie Mellon University, Columbia University, and many others, and have taught at well-established M.B.A. programs before joining Yonsei.

**The Yonsei Global M.B.A.** program aims to prepare graduates for top management positions at global corporations. A full-time program taught in English, it is home to a diverse learning community that comes from more than 15 countries and is more than 50 percent female.

The program is renowned for a curriculum focused on fostering expertise in Asian business through Asia-focused courses and extensive opportunities for internships, networking with alumni and business leaders, and more.

The program is ranked #52 in the world by the *Times Higher Education/Wall Street Journal* business school report (2018).



## Dual Degree Programs

Through this partnership between Yonsei Business School and Illinois Tech’s Stuart School of Business, students can earn two graduate degrees in two years.

### Global Master of Business Administration (M.B.A.) from Yonsei Business School

- ➔ One year of residence (fall through summer) at Yonsei University

### Master of Science (M.S.) from Stuart School of Business

- ➔ One academic year of residence (fall and spring semesters) at Illinois Tech
- ➔ Degree options:
  - M.S. in Finance
  - M.S. in Marketing Analytics
  - M.S. in Environmental Management and Sustainability

## Dual Degree Courses

During the first year of the dual degree program, students complete the Global M.B.A. curriculum at Yonsei University. During the second year, students complete the curriculum for one of the three master of science degrees at Illinois Tech.

	Yonsei University* (Year 1)	Illinois Tech Stuart School of Business (Year 2)		
	Global M.B.A.	M.S. in Finance	M.S. in Marketing Analytics	M.S. in Environmental Management and Sustainability
Fall	Business Strategy (3) Financial Accounting (3) IT for Value Creation (1.5) Marketing Management (3) Economics Analysis (1.5) Statistics for Management (1.5) Electives (1.5)	Math with Financial Applications (3) Valuation and Portfolio Management (3) Two elective courses	Predictive Analytics (3) Quantitative Models in Marketing (3) Analytics for Decision Making (3) Supply Chain Analytics (3)	Environmental Law (3) Industrial Ecology (3) Environmental Risk Assessment (3) Elective course (3)
Winter	Electives (0-7.5)			
Spring	Financial Management (3) Organizational Behavior (3) Production and Operational Management (1.5) Management Science (1.5) Business Science and CSR (1.5) Global Business Environment (1.5) Electives	Futures, Options, and OTC Derivatives (3) Three elective courses	Digital Marketing (3) Database Management (3) Social Media Marketing Analytics (3) Marketing Analytics Practicum (Capstone) (3)	Sustainability Analytics (3) Sustainable Energy Systems (3) Pollution Control (3) Environmental Finance and Economics (3)
Summer	Internship (1.5 or 3) or Electives			

\*Source: Yonsei Global M.B.A. Curriculum



## Stuart M.S. in Finance Program

The Master of Science in Finance program builds on a solid foundation in financial mathematics, statistics, and modeling to prepare students for specialized careers in the financial services industry.

Students benefit from Chicago's status as a leading financial center and home to the world's largest markets in financial derivatives. Partnerships with alumni and other professionals in the industry give students many opportunities to work on real-world projects and gain valuable professional experience.

Program highlights include:

- Ranked #22 in the U.S. by *TFE Times* (2020)
- The student-run Stuart Investments organization gives students hands-on experience in portfolio management and equity research, analysis, and valuation.
- Student teams from Stuart School of Business have compiled an impressive record of success in prestigious international competitions, such as the CFA Institute Research Challenge and the PRMIA Risk Management Challenge.

### The program prepares graduates for careers such as:

- Quantitative financial analyst
- Financial risk manager
- Financial engineer
- Derivatives trader, originator, and structurer
- Portfolio manager
- Hedge fund manager
- Corporate financial analyst
- Financial market analyst
- Equity analyst
- Credit risk analyst
- Data scientist
- Financial analytics specialist
- Financial technology specialist

### Electives

Depending on the semester schedule, elective courses may be available in areas such as:

- Alternative Investments
- Corporate Finance
- Entrepreneurial Finance
- Financial Econometrics
- Financial Engineering
- Financial Markets
- Financial Programming
- High-Frequency Finance
- Investment Management
- Risk Management
- Trading

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**The coursework was challenging and interesting, and the faculty always seemed to make time for the students.”**

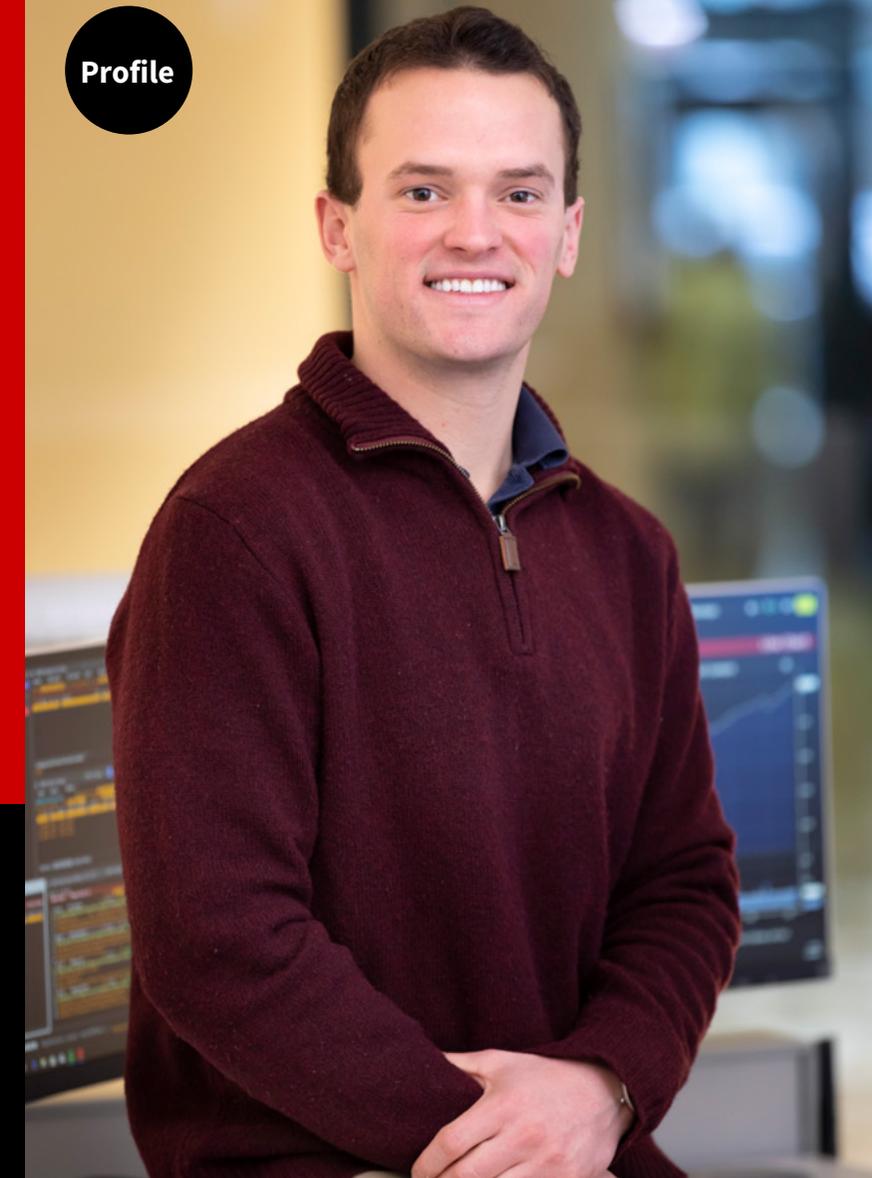
— Trevor Wheeler

## Program Outcomes

Companies that have hired Stuart School of Business finance graduates include:

- Chicago Board Options Exchange
- CME Group
- Eurex
- Federal Reserve Bank
- J.P. Morgan
- Morningstar
- Northern Trust Corporation
- Nuveen Investments

Profile



### Trevor Wheeler

*M.B.A. and M.S. Finance '19*  
*Associate Trader, Clear Capital Group, LLC*

In an independent study with Associate Professor of Finance Sang Baum Kang, Trevor Wheeler developed an optimal portfolio and trading strategy within the alternative energy sector by using a combination of financial analysis, statistical analysis, and machine learning. The project put what he had learned in his finance and business administration classes to the test and increased his knowledge of valuation techniques. [Link to profile](#)



## Stuart M.S. in Marketing Analytics Program

The Master of Science in Marketing Analytics program delivers a curriculum focused on developing students' knowledge and skills in business, analytical methods, and technology.

Students learn how to be forward-thinking marketing specialists who can convert data into insights that lead to a competitive business advantage.

Chicago's position as a hub for marketing, logistics, and consulting firms gives marketing analytics students opportunities for hands-on projects and networking that can help launch their careers.

Program highlights include:

- Ranked #21 in the U.S. among best master's of marketing programs by *TFE Times* (2020)
- Stuart marketing analytics students were recognized as Google Ads Top Marketers in the 2020 Google Ad Grants Online Marketing Challenge.
- This is a STEM-designated program, and international graduates of the program are eligible to apply for an extension for Optional Practical Training.

### The program prepares graduates for careers such as:

- Market research analysts
- Social media marketing specialists
- Professionals in marketing services firms, corporate marketing departments, and branding agencies

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**“I think the unique blend of marketing plus analytics makes you ready for not one, but two careers.”**

— **Karan Tupe**

## Program Outcomes

Companies that have hired Stuart School of Business marketing analytics graduates include:

- Anthem Marketing Solutions
- CME Group
- Google
- Greystar
- Nielsen
- Ogilvy & Mather
- PricewaterhouseCoopers (PwC)
- Samsung Engineering Corporation

Profile



### Karan Tupe

*M.S. Marketing Analytics '20  
Advanced Analytics Analyst, BMO Financial Group*

Karan Tupe's summer internship at BMW Technology Corporation turned into a part-time job the following semester, giving him the chance to take what he learned in his marketing analytics courses and apply it in the business world every day. As a member of the company's data analytics team, he analyzed customer data sets to find out what was working and what could be improved in departments such as marketing, sales, and design. [Link to profile](#)

## Stuart M.S. in Environmental Management and Sustainability Program

The Master of Science in Environmental Management and Sustainability (EMS) program integrates business, science, public policy, and law to answer the increasing demand for management professionals capable of leading the way to addressing complex sustainability issues.

Chicago boasts a dynamic mix of high-tech companies, entrepreneurial activity, green businesses, and local efforts to build sustainable communities. The EMS program gives students opportunities for hands-on projects and networking with industry professionals.

The program prepares graduates for careers as consultants, analysts, entrepreneurs, and professionals in environmental sustainability and compliance management across the corporate, governmental, and nonprofit sectors.

Program highlights include:

- Learn how to collaborate with scientists and engineers to find environmentally conscious solutions to problems and to make the business case for sustainability.
- This is a STEM-designated program, and international graduates of the program are eligible to apply for an extension for Optional Practical Training.



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**I was looking for an M.B.A. program that would have a strong focus on sustainability and the environment, and Stuart was really the standout school. Others just didn't have the focus on sustainability and the professors and the experience that Stuart had.”**

— Savitha Chelladurai

## Program Outcomes

Companies, organizations, and governmental agencies that have hired Stuart School of Business EMS graduates include:

- Motorola Solutions
- Environmental Protection Agency
- Solarmer Energy
- Fermilab (United States Department of Energy)
- Metropolitan Water Reclamation District of Greater Chicago
- TerraLocke Sustainability Consultants

Profile



### Savitha Chelladurai

*M.B.A. '15, with a specialization in Environmental Management and Sustainability Sustainability Manager, Navy Pier, Chicago*

Savitha Chelladurai leads programs aimed at reducing energy usage and waste, boosting recycling, and creating ways to weave sustainability into the experience of Navy Pier's 9 million visitors each year. Chelladurai was honored for her leadership role in transitioning to a clean energy economy with a 40 Under 40 Award from *Midwest Energy News*. [Link to profile](#)

**Learn more and apply at:**

[go.iit.edu/ssb-ysb-brochure](http://go.iit.edu/ssb-ysb-brochure)

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