MBA-STEM

Krannert’s MBA STEM program focuses on developing business skills and technical expertise. Students have the flexibility to choose from 4 different concentration areas: (1) Business Analytics & Information Management, (2) Finance, (3) Global Supply Chain Management, or (4) Marketing. This program combines case-based learning with the use of both quantitative tools and computer applications to develop students’ analytical skills and problem-solving abilities. The MBA STEM also enhances leadership skills, preparing students to manage teams in a technology-driven world.

**DEGREE EARNED**

Master of Business Administration
STEM

**LENGTH:**
Two-year program beginning in August (21-months)

**FORMAT:**
Full-Time
4 semesters, 8 modules
60 credit hours

**TYPICAL AGE:**
27–30

**AVG. WORK EXPERIENCE:**
3–5 years

**SEMESTER FEES:**
In-State: $11,209
Out-of-State: $21,092
*All fees subject to change

**Program Highlights:**

- The MBA STEM program is STEM designated. Graduates may be eligible for STEM OPT extension.

- The program provides an immersive set of quantitative focused classes with solid foundation in statistics, computer applications and data analysis, along with core business classes to develop students’ analytical skills and problem-solving skills.

- As part of a leading STEM university, students benefit by learning from world-class faculty.

- The program offers students the flexibility to choose from 4 concentration areas to provide in-depth knowledge around a focused topic, which allows students to pursue courses focused on their career objectives.

- Krannert Professional Development Center provides thorough individual coaching, job search resources, and on-campus recruitment services.

- Active alumni network around the world includes distinguished business professionals who connect in meaningful professional and personal mentor relationships.

- Campus incubators and innovation centers such as Purdue’s Foundry and Discovery Park provide various collaborative opportunities and startup support programs for students who aspire to be entrepreneurs.

**CONTACT**

Krannert Graduate Programs Office
765.494.0773
gokrannert@purdue.edu

Krannert.Purdue.edu/masters
**Curriculum** 60 total required credits (29 Core Business/31 STEM-Concentration)

- **Core Business Courses**
  - Accounting for Managers
  - Business Analytics
  - Managerial Communication Skills
  - Organizational Behavior
  - Microeconomics
  - Launching Global Leaders
  - Financial Management
  - Marketing Management
  - Strategic Management
  - Intro to Operations Management
  - Management Information Systems
  - Business Law
  - Macroeconomics

- **Business Analytics & Information Management Concentration Courses**
  - Advanced Business Analytics
  - Spreadsheet Modeling and Simulation
  - Data Mining
  - Management of Organizational Data
  - IT Project Management
  - Communication and Persuasion
  - Electives

- **Finance Concentration Courses**
  - Advanced Corporate Finance
  - Investments
  - Financial Modeling
  - Options & Futures
  - Venture Capital & Investment Banking
  - Portfolio Management
  - Mergers, Acquisition, & Corp Restructure
  - International Financial Management
  - Financial Risk Management
  - Advanced Business Analytics
  - Financial Econometrics
  - Fixed Income Securities
  - Financial Statement Analysis
  - Financial Engineering
  - Electives

- **Global Supply Chain Management Concentration Courses**
  - Supply Chain Analytics
  - Supply Chain Management
  - ELI/Consulting Project
  - Logistics
  - Strategic Sourcing and Procurement
  - Global Supply Chain Management
  - Manufacturing Planning and Control
  - Project Management
  - Service Operations
  - Sustainable Operations

- **Marketing Concentration Courses**
  - Brand Management
  - New Product Development
  - Digital Marketing Strategy
  - Marketing Analytics
  - Data-Driven Marketing
  - Marketing Consulting Projects
  - Analytics for Social Media Marketing
  - Business Marketing
  - Marketing Research
  - Pricing Strategies and Analysis
  - Electives

"Everyone can see the world becoming more technical, more sophisticated. And business is becoming more scientific. So, the quantitative, analytical emphasis at Krannert, and the hard skills you gain from that, really increase your value as a business professional."

Xue Wang, '16 MBA