

Professional & Graduate Certificates



Tippie College
of Business

If you added the Finance, Innovation, Marketing, and/or Leadership Certificate program of study in or before Summer 2023, review the [Graduate Certificate Changes document](#) for requirements to earn the certificate or view your degree audit; if you prefer to switch to the updated requirements below (effective Fall 2023), contact your advising team.

Finance (4 courses, 12 s.h.)

Required Courses:

- MBA:8180 Managerial Finance
- FIN:9200 Portfolio Management (MBA:8180)
- FIN:9300 Corporate Finance (MBA:8180) (previously Corporate Investment & Finance Decisions)

Choose 1 Course:

- ENTR:9200 Entrepreneurial Finance (MBA:8140)
- Finance elective

Corporate Finance (4 courses, 12 s.h.)

Required Courses:

- MBA:8140 Corporate Financial Reporting
- MBA:8180 Managerial Finance
- FIN:9300 Corporate Finance (MBA:8180) (previously Corporate Investment & Finance Decisions)
- FIN:9310 Advanced Corporate Finance (previously Corporate Financial Strategy) (MBA:8180 and FIN:9300)

Financial Decision-Making (4 courses, 12 s.h.)

Required Courses:

- MBA:8140 Corporate Financial Reporting
- MBA:8150 Data & Decisions (previously also offered under BAIS:9100)
- ACCT:9040 Financial Statement Analysis & Forecasting (MBA:8140)

Choose 1 Course:

- MGMT:9185 Project Management
- FIN:9300 Corporate Finance (MBA:8180) (previously Corporate Investment & Finance Decisions)
- FIN:9310 Advanced Corporate Finance (previously Corporate Financial Strategy) (MBA:8180 and FIN:9300)

Investment Management (4 courses, 12 s.h.)

Required Courses:

- MBA:8180 Managerial Finance
- FIN:9200 Portfolio Management (MBA:8180)

Choose 2 Courses:

- FIN:9230 Real Estate Finance & Investments (MBA:8180)
- FIN:9350 Wealth Management (MBA:8180)
- FIN:9150 Financial Modeling & Firm Valuation (MBA:8180)
- FIN:9210 Derivatives (FIN:9200 and MBA:8180)
- FIN:9160 Quantitative Finance & Machine Learning

Risk Management & Insurance (4 courses, 12 s.h.)

Required Courses:

- MBA:8140 Corporate Financial Reporting
- MBA:8180 Managerial Finance
- FIN:9130 Corporate Risk Management & Insurance
- FIN:9140 Enterprise Risk Management (MBA:8180)

Responsible Resource Management

(4 courses, 12 s.h.)

Required Courses:

- MBA:8140 Corporate Financial Reporting
- ACCT:9020 Strategic Cost Analysis (MBA:8140)
- MGMT:9091 Corporate Social Responsibility & Sustainability

Choose 1 Course:

- BAIS:6050 Data Management
- BAIS:6280 Cybersecurity
- FIN:9140 Enterprise Risk Management (MBA:8180)
- MBA:8240 Operations & Supply Chain
- MGMT:9250 Managing Employee Performance
- MBA:8320 Strategic Business Growth (5 of the following pre-reqs are required: MBA:8110, MBA:8120, MBA:8150, MBA:8160, MBA:8180, MBA:8300)

Marketing (4 courses, 12 s.h.)

Required Course:

- MBA:8110 Marketing Management

Choose 3 Courses:

- 3 Marketing electives

Leadership (5 courses, 15 s.h.)

Required Courses:

- MBA:8120 Management in Organizations
- MGMT:9120 Leadership & Personal Development

Choose 1 Option:

- Choose 3 Management (MGMT) electives OR
- Choose 2 MGMT electives and MBA:9130 Leadership Communication & Story

**If you've previously taken MBA:8130 Business Comm., you may count either Business Comm. OR Leadership Comm. & Story, but not both.*

***Fall 2024: If you add the Leadership Certificate as a program of study, Business Comm. will no longer be an approved elective for this certificate.*

Strategy (4 courses, 12 s.h.)

Available to MBA students

Required Courses:

- MBA:8300 Foundations in Strategy
- MBA:9300 Strategy in Action (MBA capstone course; MBA:8300 and select 4 courses: MBA:8120, MBA:8110, {MBA:8150 or BAIS:9100}, MBA:8160, MBA:8180)

Choose 2 Courses:

- MBA:8310 Business Integration OR MBA:8320 Strategic Business Growth (MBA capstone courses - see certificate details for pre reqs)
- ENTR:9450 Strategic Mgmt of Tech & Innovation OR ENTR:9100 Entrepreneurship & Innovation
- MBA:8500 Seminar in International Business (GLO)
- MKTG:9320 Strategic Brand Positioning (MBA:8110)

Certificate Course Waivers:

- Business Analytics Certificate: If any required course is waived, BAIS:6140 is required.
- Corporate Finance Certificate: If MBA:8140 or MBA:8180 is waived, FIN:9150 is required. If both are waived, FIN:9230 is also required.
- Risk Management and Insurance Certificate: If MBA:8140 or MBA:8180 is waived, replace with one of these approved electives: FIN:9150, FIN:9230, FIN:9300, ACCT:9040, MGMT:9110. If both are waived, replace with two of the approved electives.
- All Other Certificates: If the certificate requires you to choose from a set of course options to meet the requirements, replace the waived course with an additional option.

Revised Feb 2026

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Business Analytics (5 courses, 15 s.h.)

Certificate offered through the Graduate College

Required Courses:

- MBA:8150 Data & Decisions (previously also offered under BAIS:9100)
- BAIS:9110 Advanced Analytics (MBA:8150 or BAIS:9100)
- BAIS:6050 Data Management
- BAIS:6070 Data Science (MBA:8150 or BAIS:9100) and BAIS:6040)
- BAIS:6040 Data Programming in Python

Artificial Intelligence & Machine Learning

(4 courses, 12 s.h.)

Certificate offered through the Graduate College

Required Course:

- BAIS:6250 Applied Deep Learning (MBA:8150 or BAIS:9100), BAIS:6040, and BAIS:6070)

Choose 3 Courses:

- BAIS:6100 Text Analytics (BAIS:6040 and BAIS:6070)
- BAIS:6105 Social Analytics (BAIS:6040 and BAIS:6070)
- BAIS:6130 Applied Optimization (MBA:8150 or BAIS:9100) and BAIS:6040)
- BAIS:6260 Generative Artificial Intelligence (AI) (MBA:8150 or BAIS:9100), BAIS:6040, BAIS:6070, and BAIS:6250)
- FIN:9160 Quantitative Finance and Machine Learning

Artificial Intelligence & Technology Management

(4 courses, 12 s.h.)

Required Courses:

- BAIS:6210 Data Leadership and Management
- BAIS:6240 Value Creation Using AI

Choose 2 Courses:

- BAIS:6280 Cybersecurity
- BAIS:9140 Agile Project Management
- BAIS:9300 Innovation in Technology (This course will no longer be offered after Fall 2025.)
- ECON:9100 Digital Economics (MBA:8160)
- ENTR:9450 Strategic Management of Tech and Innovation
- MGMT:9170 Human Resources Analytics (MBA:8150 or BAIS:9100)
- MGMT:9185 Project Management
- MBA:8430 Communication with AI and Business Technology

Business Communication (4 courses, 12 s.h.)

Required Course:

- MBA:8130 Business Communication

Choose 3 Courses:

- MBA:8430 Communication with AI & Business Tech
- MBA:9130 Leadership Communication & Story
- MGMT:9110 Dynamics of Negotiations OR MGMT:9230 Managing & Preventing Conflict

Innovation (4 courses, 12 s.h.)

Required Courses:

- ENTR:9100 Entrepreneurship & Innovation
- ENTR:9200 Entrepreneurial Finance (MBA:8140)
- ENTR:9450 Strategic Mgmt of Tech & Innovation

Choose 1 Course:

- MGMT:9220 Maximizing Team Performance
- MBA:8320 Strategic Business Growth (MBA capstone; 5 of the following pre-reqs are required: MBA:8110, MBA:8120, MBA:8150, MBA:8160, MBA:8180, MBA:8300)
- ENTR:9300 Design Thinking (This course is no longer offered, but may count as an elective toward this certificate if previously taken.)

Operations (4 courses, 12 s.h.)

Required Courses:

- MBA:8150 Data and Decisions (previously also offered under BAIS:9100)
- MBA:8240 Operations and Supply Chain

Choose 2 Courses:

- ACCT:9020 Strategic Cost Analysis (pre-req: MBA:8140)
- BAIS:6130 Applied Optimization (pre-reqs: {MBA:8150 or BAIS:9100} and BAIS:6040)
- BAIS:9120 Managing the Supply Chain (pre-req: MBA:8240, available through the CIMBA Italy Program)
- BAIS:9140 Agile Project Management OR MGMT:9185 Project Management
- ISE:5350 Logistics and Data Management (Offered by College of Engineering)

Healthcare Management (5 courses, 15 s.h.)

Courses for this certificate are taught online. This program, offered in partnership with the College of Public Health, requires separate admission and different tuition. To meet requirements, you'll take four electives from CPH and Corporate Financial Reporting from our program. Contact your advising team for details.

MULTIPLE DEGREES

Earn multiple degrees (MS in Business Analytics, MBA, and MS in Finance). [Learn more by scheduling an advising appointment.](#)



Questions? [Reach out to your advising team.](#)

Certificate Course Waivers:

- Business Analytics Certificate: If any required course is waived, BAIS:6140 is required.
- Corporate Finance Certificate: If MBA:8140 or MBA:8180 is waived, FIN:9150 is required. If both are waived, FIN:9230 is also required.
- Risk Management and Insurance Certificate: If MBA:8140 or MBA:8180 is waived, replace with one of these approved electives: FIN:9150, FIN:9230, FIN:9300, ACCT:9040, MGMT:9110. If both are waived, replace with two of the approved electives.
- All Other Certificates: If the certificate requires you to choose from a set of course options to meet the requirements, replace the waived course with an additional option.

Revised Feb 2026