UNIVERSITY OF MINNESOTA
Driven to Discover℠

Twin Cities Campus

Finance B.S.B.

Finance

Curtis L. Carlson School of Management

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2019
- Required credits to graduate with this degree: 120
- Required credits within the major: 75 to 80
- Degree: Bachelor of Science in Business

Finance is about understanding economic value. Specifically how the decisions made by firms determine the economic value of firms or investment opportunities.

Since all firms must invest capital (cash) to operate and grow, all firms simultaneously compete with each other and all other investment opportunities, for capital in Capital Markets. Finance professionals estimate and evaluate economic value and risk focusing on estimating future cash flow and using information from Capital Markets.

Finance professionals include economists, operating managers, financial analysts, data scientists, researchers, investors, and financial advisors.

Finance professionals are quantitative & analytical utilizing mathematical tools and building models to inform decision making.
Finance professionals are curious, researching and understanding firms and markets.
Finance professionals are strong communicators, helping colleagues understand the financial implications of their business decisions and investment opportunities
Finance professionals are comfortable with ambiguity, recognizing and quantifying the economic impact of risk and uncertainty.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Freshman and transfer students students are usually admitted to pre-major status before admission to this major

A GPA above 2.0 is preferred for the following:

- 3.00 transferring from another University of Minnesota college
- 3.00 transferring from outside the University

Students in the school have no restrictions on declaring the major but must complete the five-tool courses before continuing with the major requirements. Students from outside of the school must meet overall admission standards to enter this major, including completion of microeconomics, macroeconomics, and calculus prior to admission. Transfer students will also need to complete statistics and financial accounting before starting on the major coursework but may do so after admission.

For information about University of Minnesota admission requirements, visit the Office of Admissions website.

Required prerequisites
Tool Courses
Microeconomics
ECON 1101 - Principles of Microeconomics [SOCS, GP] (4.0 cr)
or APEC 1101 - Principles of Microeconomics [SOCS, GP] (4.0 cr)
or APEC 1101H - Principles of Microeconomics [SOCS, GP] (4.0 cr)
Macroeconomics
ECON 1102 - Principles of Macroeconomics (4.0 cr)
or APEC 1102 - Principles of Macroeconomics (3.0 cr)
or APEC 1102H *{Inactive}*(4.0 cr)
Calculus
MATH 1142 - Short Calculus [MATH] (4.0 cr)
or MATH 1271 - Calculus I [MATH] (4.0 cr)
or MATH 1571H - Honors Calculus I [MATH] (4.0 cr)
or MATH 1371 - CSE Calculus I [MATH] (4.0 cr)
Accounting
ACCT 2051 - Introduction to Financial Reporting (4.0 cr)

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or ACCT 2051H - Honors: Introduction to Financial Reporting (4.0 cr)

Statistics

BA 2551 - Business Statistics in R [MATH] (4.0 cr)
or STAT 3011 - Introduction to Statistical Analysis [MATH] (4.0 cr)
or STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
or STAT 3022 - Data Analysis (4.0 cr)
or PSY 3801 - Introduction to Psychological Measurement and Data Analysis [MATH] (4.0 cr)
or SOC 3811 - Social Statistics [MATH] (4.0 cr)
or IE 3521 - Statistics, Quality, and Reliability (4.0 cr)
or EE 3025 - Statistical Methods in Electrical and Computer Engineering (3.0 cr)
or CEGE 3102 - Uncertainty and Decision Analysis (3.0 cr)
or ANSC 3011 - Statistics for Animal Science (4.0 cr)
or STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
or STAT 5101 - Theory of Statistics I (4.0 cr)
STAT 5102 - Theory of Statistics II (4.0 cr)
or MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
MATH 5652 - Introduction to Stochastic Processes (4.0 cr)

General Requirements

All students are required to complete general University and college requirements including writing and liberal education courses. For more information about University-wide requirements, see the liberal education requirements.Required courses for the major or minor in which a student receives a D grade (with or without plus or minus) do not count toward the major or minor (including transfer courses).

Program Requirements

Lower Division Requirements

Management

Students entering the program as freshmen or sophomores take MGMT 1001. Students who transfer in as juniors complete MGMT 3001 instead.

BA 1011 - Leading Self & Teams (2.0 cr)
or MGMT 1001H - Honors: Contemporary Management (3.0 cr)
or MGMT 3001 - Fundamentals of Management (3.0 cr)

Corporate Responsibility & Ethics

BA 2005 - Business Ethics, Corporate Responsibility & Sustainability [CIV] (3.0 cr)
or BA 2005H - Business Ethics, Corporate Responsibility and Sustainability [CIV] (3.0 cr)

Psychology

PSY 1001 - Introduction to Psychology [SOCS] (4.0 cr)
or PSY 1001H - Honors Introduction to Psychology [SOCS] (4.0 cr)

Career Skills

BA 2021 - Design Your Career (1.0 cr)

Immersion Core

Students complete the Immersion Core as a cohort.

SCO 3001 - Sustainable Supply Chain and Operations (3.0 cr)
MGMT 3004 - Strategic Management (3.0 cr)
FINA 3001 - Finance Fundamentals (3.0 cr)
or FINA 3001H - Honors: Finance Fundamentals (3.0 cr)
MKTG 3001 - Principles of Marketing (3.0 cr)
or MKTG 3001H - Honors:Principles of Marketing (3.0 cr)

Additional Core Requirements

Information Systems

IDSC 3001 - Information Systems & Digital Transformation [TS] (3.0 cr)
or IDSC 3001H - Honors: Information Systems for Business Processes and Management (3.0 cr)

Human Resources

HRIR 3021 - Human Capital Management (3.0 cr)
or HRIR 3021H - Honors: Human Capital Management (3.0 cr)
or IBUS 3021 - Human Capital Management (4.0 cr)

Managerial Accounting

ACCT 3001 - Strategic Management Accounting (3.0 cr)
or IBUS 3002 - Strategic Management Accounting (4.0 cr)

Business Communications

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BA 3033W - Business Communication [WI] (3.0 cr)
or IBUS 3033W - Business Communication in a Global Context [WI] (4.0 cr)

Major Courses

ACCT 5101 - Intermediate Accounting I (4.0 cr)
FINA 4121 - Financial Markets and Interest Rates (2.0 cr)
FINA 4221 - Principles of Corporate Finance (2.0 cr)
FINA 4321 - Portfolio Management and Performance Evaluation (2.0 cr)
FINA 4422 - Financial Modeling (2.0 cr)
FINA 4522 - Options & Derivatives I (2.0 cr)

Electives

Take 8 or more credit(s) from the following:

- FINA 4122 - Banks, Banking Services, and FinTech (2.0 cr)
- FINA 4234 - Mergers and Acquisitions In Action – Process and Valuation (2.0 cr)
- FINA 4242W - Corporate Investment Decisions [WI] (4.0 cr)
- FINA 4325 - Behavioral Finance (2.0 cr)
- FINA 4329 - Security Analysis Capstone (2.0 cr)
- FINA 4529 - Derivatives II Capstone (2.0 cr)
- FINA 4621 - The Global Economy (Macro) (2.0 cr)
- FINA 4622 - International Finance (2.0 cr)
- FINA 4920 - FinanceTopics (2.0 - 4.0 cr)
- ACCT 5161 - Financial Statement Analysis (2.0 cr)
- FINA 5422 - Financial Econometrics and Computational Methods I (2.0 cr)
- FINA 5423 - Financial Econometrics and Computational Methods II (2.0 cr)
- IBUS 4125 - Global Banking: A Survey of Regulatory and Competitive Developments Post Financial Crisis (4.0 cr)

International Experience

Students must complete an international experience as part of the program requirements. Short-term or semester-length programs may be used to meet this requirement. Students participate in International Experience (IE) 101 early in their program to begin planning.

Upper-division Writing Intensive within the major

Students are required to take one upper-division Writing Intensive course within the major. If that requirement has not been satisfied within the core major requirements, students must choose one course from the following list. Some of these courses may also fulfill other major requirements.

Take 0 - 1 course(s) from the following:

- FINA 4242W - Corporate Investment Decisions [WI] (4.0 cr)
- BA 3033W - Business Communication [WI] (3.0 cr)
- IBUS 3033W - Business Communication in a Global Context [WI] (4.0 cr)

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