BUSINESS: FINANCE, INVESTMENT, AND BANKING, BBA

The finance, investment, and banking (https://wsb.wisc.edu/programs-degrees/undergraduate-bba/academics/majors/#finance-investment-and-banking) curriculum prepares students for careers in corporate financial management, the investments and securities business, and the management of financial institutions—e.g., banks and insurance companies. The theory of finance and its applications are emphasized. Students learn about: security analysis and valuation, security trading, government policy and financial markets, financial forecasting, capital structure, financial risk management, venture capital, security issuance and international finance.

A significant part of the coursework teaches you to understand risk and uncertainty, both at an intuitive level and at a technical level. More important, you learn to construct models of financial decisions—e.g., an investor’s portfolio choice problem; the issuance of securities by corporations and the structure of financial investments by banks.

RELATED STUDENT ORGANIZATIONS
Capital Management Club (https://win.wisc.edu/organization/capitalmanagementclub)
Fantasy Sports & Finance Club (https://win.wisc.edu/organization/fsf)
Finance & Investment Society (http://fis.wisc.edu)
Investment Banking Club (https://win.wisc.edu/organization/ibc)
Society of Personal Investments (https://win.wisc.edu/organization/spi)
Wealth Management Group (https://win.wisc.edu/organization/wmg)

HOW TO GET IN
Students wishing to pursue this major must be admitted to the School of Business. Once admitted, students are able to pursue any business major they choose. To find out more about the school’s admissions process for undergraduate students, please see Entering the School (http://guide.wisc.edu/undergraduate/business/#enteringtheschooltext).

REQUIREMENTS

UNIVERSITY GENERAL EDUCATION REQUIREMENTS
All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext) section of the Guide.

FINANCE MAJOR REQUIREMENTS

Undergraduate finance majors should enroll in GEN BUS 306 Business Analytics I or its equivalent as early as possible in preparation for this major. Before enrolling in FINANCE/ECON 320 Investment Theory, FINANCE 325 Corporation Finance, or FINANCE 330 Derivative Securities, students must complete:

1. FINANCE/ECON 300 Introduction to Finance;
2. MATH 213 Calculus and Introduction to Differential Equations or MATH 222 Calculus and Analytic Geometry 2;
3. Either complete or concurrently enroll for GEN BUS 307 Business Analytics II (or its equivalent).

ACCT I S 301 Financial Reporting I must be completed before enrolling for FINANCE 325 Corporation Finance.

Students planning on a major in finance should complete FINANCE/ECON 300, GEN BUS 307 (or equivalent) and ACCT I S 301 in or before the first semester of their junior year. FINANCE/ECON 320 Investment Theory, FINANCE 325 Corporation Finance or FINANCE 410 Bank Management should be completed prior to a summer internship, where the choice from these would match the internship and/or career focus area. FINANCE 330 Derivative Securities is usually the most quantitatively challenging of the three required courses beyond
principles, and generally helps to take ECON/FINANCE 320 either prior to or concurrently with FINANCE 330. If the mathematics requirement has not been completed prior to admission to the School of Business, then MATH 213 Calculus and Introduction to Differential Equations or MATH 222 Calculus and Analytic Geometry 2 should be completed as early as possible. Finance majors should also be aware of enforced prerequisites for other finance courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 213</td>
<td>Calculus and Introduction to Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 222</td>
<td>Calculus and Analytic Geometry 2</td>
<td></td>
</tr>
<tr>
<td>GEN BUS 307</td>
<td>Business Analytics II ¹</td>
<td>3-4</td>
</tr>
<tr>
<td>or ECON 410</td>
<td>Introductory Econometrics</td>
<td></td>
</tr>
<tr>
<td>or STAT/</td>
<td>Introduction to Probability and Mathematical</td>
<td></td>
</tr>
<tr>
<td>MATH 310</td>
<td>Statistics II</td>
<td></td>
</tr>
<tr>
<td>or STAT 312</td>
<td>Introduction to Theory and Methods of Mathematical Statistics II</td>
<td></td>
</tr>
<tr>
<td>ACCT I S 301</td>
<td>Financial Reporting I</td>
<td>3</td>
</tr>
<tr>
<td>FINANCE/ECON</td>
<td>Investment Theory</td>
<td>3</td>
</tr>
<tr>
<td>320</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FINANCE 325</td>
<td>Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>FINANCE 330</td>
<td>Derivative Securities</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td>3-4</td>
</tr>
<tr>
<td>FINANCE 305</td>
<td>Financial Markets, Institutions and Economic Activity</td>
<td></td>
</tr>
<tr>
<td>ECON 301</td>
<td>Intermediate Microeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>ECON 302</td>
<td>Intermediate Macroeconomic Theory</td>
<td></td>
</tr>
<tr>
<td>ECON 311</td>
<td>Intermediate Microeconomic Theory - Advanced Treatment</td>
<td></td>
</tr>
<tr>
<td>ECON 312</td>
<td>Intermediate Macroeconomic Theory - Advanced Treatment</td>
<td></td>
</tr>
<tr>
<td>ECON 330</td>
<td>Money and Banking</td>
<td></td>
</tr>
<tr>
<td>Complete one 3-credit Finance course numbered above</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>400 ²</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>24-26</td>
</tr>
</tbody>
</table>

¹ GEN BUS 307 Business Analytics II or its equivalent is required to fulfill other requirements within the business curriculum, therefore this requirement double-counts.
² FINANCE 340 Fixed Income Securities and FINANCE 365 Contemporary Topics may be used to fulfill this requirement.

### UNIVERSITY DEGREE REQUIREMENTS

#### Total Degree

To receive a bachelor's degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

#### Residency

Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence" credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

#### Quality of Work

Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

### LEARNING OUTCOMES

1. Explain the trade-off between risk and returns, and to explain methods of measuring and managing risk.
2. Use financial models, including those for optimal portfolios and the estimation of expected returns.
3. Distinguish between equilibrium and no-arbitrage pricing, and be able to apply both approaches.
4. Explain the costs and benefits of the separation of ownership and control in the typical large firm.
5. Understand how market frictions can influence financial decisions.
6. Explain how investment and financing decisions can create and destroy value.

### FOUR-YEAR PLAN

This is a sample four-year plan for students directly admitted into the School of Business from high school. We encourage all students to consult with their academic advisor to develop an individualized plan that meets their specific needs.

#### Freshman

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Summer</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 211</td>
<td>5</td>
<td>MATH 213</td>
<td>3</td>
<td>MARKETING 300, M HR 300, or OTM 300</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 202</td>
<td>3</td>
<td>ECON 101</td>
<td>4</td>
<td>ACCT I S 211</td>
<td>3</td>
</tr>
<tr>
<td>GEN BUS 110</td>
<td>1</td>
<td>ACCT I S 100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td>Ethnic Studies</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications</td>
<td>3-4</td>
<td>Humanities, Literature, Social Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>15-16</td>
<td>16</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
<th>Summer</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN BUS 306</td>
<td>3</td>
<td>GEN BUS 307</td>
<td>3</td>
<td>MARKETING 300, M HR 300, or OTM 300</td>
<td>3</td>
</tr>
<tr>
<td>FINANCE/ECON 300</td>
<td>3</td>
<td>GEN BUS 300</td>
<td>3-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 102</td>
<td>4</td>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACCT I S 301</td>
<td>3</td>
<td>FINANCE/ECON 320 or 325</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Communications B 3-4 Humanities, Literature, or Social Science 3

Junior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MARKETING 300, MHR 300, or OTM 300</td>
<td>3</td>
<td>Finance Elective 2</td>
<td>3</td>
</tr>
<tr>
<td>FINANCE 330</td>
<td>3</td>
<td>FINANCE/ ECON 320 or 325</td>
<td>3</td>
</tr>
<tr>
<td>FINANCE 305</td>
<td>3</td>
<td>Business Breadth</td>
<td>3</td>
</tr>
<tr>
<td>Ethics¹</td>
<td>4</td>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Senior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN BUS 301</td>
<td>3</td>
<td>Finance Elective 2</td>
<td>3</td>
</tr>
<tr>
<td>Finance Elective ²</td>
<td>3</td>
<td>Humanities, Literature, or Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Business Breadth</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 120-123

¹ Students must choose one of the following courses: PHILOS 241 Introductory Ethics, PHILOS 243 Ethics in Business, PHILOS 341 Contemporary Moral Issues, PHILOS/ENVIR ST 441 Environmental Ethics

² FINANCE/INTL BUS 445, FINANCE 457, FINANCE 340, FINANCE 610, FINANCE 635, FINANCE 365, FINANCE 365

ADVISORY AND CAREERS

ADVISORY

Advising is an integral part of any student’s educational journey in the School of Business BBA Program. Starting at Student Orientation, Advising, and Registration (SOAR), we encourage all students to connect with academic advisors. BBA academic advisors have a wealth of knowledge about courses on campus, as well as policies and procedures.

BBA career advisors help students with career exploration, internships, resumes, job search, interviewing and more. We encourage students to connect with their career advisor once they arrive on campus.

BBA advisors want students to succeed. Students experiencing academic difficulty or personal struggles are encouraged to talk to their advisor about how their individual situation may affect their academic performance.

ASSIGNED ACADEMIC AND CAREER ADVISORS

For admitted BBA students, advisors are assigned by academic major. If you have more than one major, you may have more than one assigned advisor. You can find your assigned advisor by logging into your student center and looking on the right hand menu under "Program Advisor."

For students not yet admitted to the WSB, we have a team of pre-business advisors available to you. Information on pre-business advising can be found here (https://bus.wisc.edu/bba/mybiz/advising/#academic).

ACCESSING ADVISING

If you have a quick question, no more than 15 minutes, please utilize our drop-in advising. You can find up-to-date information regarding drop-in hours here (https://bus.wisc.edu/bba/mybiz/advising/#academic).

You may schedule (https://bus.wisc.edu/bba/mybiz/advising) a 30-minute appointment with an academic and career advisors. Advisors are trained, and have knowledge regarding all ten majors in the BBA, so if your assigned advisor is not available you can be confident to schedule an appointment with any of the BBA advisors.

Pre-business students may also schedule (https://bus.wisc.edu/bba/mybiz/advising) an appointment with a pre-business academic advisor.

If you have a quick yes/no question you may always send an email to your assigned advisor.

For more information on academic and career advising in the BBA please see Advising (https://bus.wisc.edu/bba/mybiz/advising/#academic) on the school’s website.

CAREERS

Finance is the integration of time, returns and risk and how they are interrelated. Two pressing questions in finance are:

• What do I invest in?
• How do I pay for it?

Organizations that focus on finance include banks, credit card companies, insurance companies, consumer finance companies, corporations, stock brokerages, investment funds, government sponsored enterprises, education, and individuals.

Students may pursue careers in many different industries, including but not limited to:

• Commercial and retail banking
• Corporate finance
• Investment banking
• Investment management
• Equity and debt capital markets
• Research
• Sales and trading

Find more details about these industries on the BBA Finance website (https://bus.wisc.edu/bba/academics-and-programs/majors/finance).

PEOPLE

FACULTY AND STAFF IN FINANCE

David Brown (https://bus.wisc.edu/faculty/David-Brown), BA, Ph.D. Professor
David P. Brown (david.p.brown@wisc.edu)

Briana Chang (https://bus.wisc.edu/faculty/briana-chang), BS, Ph.D.
Assistant Professor
briana.chang@wisc.edu

Brad Chandler (https://bus.wisc.edu/faculty/james-chandler), BA, JD, MBA
Faculty Associate
brad.chandler@wisc.edu

Dean Corbae (https://bus.wisc.edu/faculty/dean-corbae), BA, Ph.D.
Professor
dean.corbae@wisc.edu

Robert Cramer (https://bus.wisc.edu/faculty/robert-cramer), BA, MBA, Ph.D.
Senior Lecturer
robert.cramer@wisc.edu

Bjorn Eraker (https://bus.wisc.edu/faculty/Bjorn-Eraker), Ph.D.
Professor
bjorn.eraker@wisc.edu

Gwen Eudey (https://bus.wisc.edu/faculty/gwen-eudey), Ph.D.
Faculty Associate
gwen.eudey@wisc.edu (gwen.eudey@wisc.edu)

Mark Fedenia (https://bus.wisc.edu/faculty/Mark-Fedenia), BS, MS, Ph.D.
Associate Professor
m.fedenia@wisc.edu

Michael Gofman (https://bus.wisc.edu/faculty/michael-gofman), BA, MA, MBA, MS, Ph.D.
Assistant Professor
michael.gofman@wisc.edu

Besti Hill (https://bus.wisc.edu/faculty/besti-hill), BS, MS
Faculty Associate
betsi.hill@wisc.edu

James Johannes (https://bus.wisc.edu/faculty/James-Johannes), BA, MS, Ph.D.
Professor
Director, Puelicher Center for Banking Education
james.johannes@wisc.edu

Robert Krainer (https://bus.wisc.edu/faculty/Robert-Krainer), BA, MBA, Ph.D.
Professor
robert.krainer@wisc.edu (robert.krainer@wisc.edu)

Mark Laplante (https://bus.wisc.edu/faculty/mark-laplante), Ph.D.
Senior Lecturer
mark.laplante@wisc.edu

Oliver Levine (https://bus.wisc.edu/faculty/oliver-levine), BS, MA, Ph.D.
Associate Professor
oliver.levine@wisc.edu

Antonio Mello (https://bus.wisc.edu/faculty/Antonio-Mello), BS, MBA, MA, Ph.D.
Professor
Academic Director of the Nicholas Center for Corporate Finance and Investment Banking
antonio.mello@wisc.edu

Belinda Mucklow (https://bus.wisc.edu/faculty/belinda-mucklow), MBA, MS, Ph.D.
Senior Lecturer
belinda.mucklow@wisc.edu

Elizabeth Odders-White (https://bus.wisc.edu/faculty/elizabeth-Odders-White), BS, Ph.D.
Associate Professor
elizabeth.odderswhite@wisc.edu

Bulent Paker (https://bus.wisc.edu/faculty/bulent-paker), BS, MA, MS, Ph.D., Ph.D.
Clinical Professor
bulent.paker@wisc.edu

Daniel Pickett (https://bus.wisc.edu/faculty/dan-pickett), BBA, MS
Faculty Associate
dan.pickett@wisc.edu

Erwan Quintin (https://bus.wisc.edu/faculty/erwan-quintin), MBA, Ph.D.
Associate Professor
quintin@wisc.edu (quintin@wisc.edu)

Mark Ready (https://bus.wisc.edu/faculty/mark-ready), BS, MBA, Ph.D.
Professor
Department Chair for Finance, Investments and Banking, Academic Director of the Hawk Center for Investment Analysis
mark.ready@wisc.edu

Roberto Robatto (https://bus.wisc.edu/faculty/Roberto-Robatto), MS, MS, Ph.D.
Assistant Professor
robatto@wisc.edu

Ivan Shaliastovich (https://bus.wisc.edu/faculty/Ivan-Shaliastovich), BA, MA, Ph.D.
Associate Professor
ivan.shaliastovich@wisc.edu

Adam Smedema (https://bus.wisc.edu/faculty/adam-smedema), BA, Ph.D.
Lecturer
arsmedema@wisc.edu (arsmedema@wisc.edu)

Randall Wright (https://bus.wisc.edu/faculty/randall-wright), BA, MA, Ph.D.
Professor
randall.wright@wisc.edu

Christopher Yarbro (https://bus.wisc.edu/faculty/chris-yarbro), BBA, MAcc
Lecturer
cyabro@wisc.edu (cyabro@wisc.edu)

ACCREDITATION

AACSB International—The Association to Advance Collegiate Schools of Business (http://www.aacsb.edu)