OREGON STATE UNIVERSITY

Graduate Learning Outcomes for Master of Science in Business

Coverage of OSU's Graduate Learning Outcomes

1) Conduct research, produce some other form of creative work, or participate in an integrative capstone experience.

   Students have an integrative capstone experience at the end of their program, consistent with the degree's first Learning Goal: "Integrative Experience and Experiential Learning". For students pursuing the Financial Planning option, their capstone occurs in FIN 553 (Financial Planning III), where students are required to develop a comprehensive financial plan spanning the full curriculum (this is a requirement of the CFP Board certification). Students must present this analysis in oral and written form.

   For students pursuing Supply Chain Analytics, the BA 577 (Integrated Business Analytics Project) acts as the capstone course. This course requires students to synthesize their coursework in analytics, supply chain, and logistics management to address a real-world business challenge. Students are required to present a written and oral defense of their project to faculty and the sponsoring company.

2) Demonstrate Mastery of Subject Material
   The four program-level learning outcomes are specified in the assessment table. Indirect measures of mastery is demonstrated through the grade in these courses. Further, as the content in these courses informs students' performance in their option-specific courses, a further indirect measure is a student's ability to meet the GPA requirement for graduation across their program of study. Finally, in the written capstone projects and oral defense, faculty will directly assess a student's mastery of their subject matter.

3) Be Able to Conduct Scholarly or Professional Activities in an Ethical Manner
   Ethics are embedded in several courses, including BA 513 (Business Legal Environment), BA 517 (Markets and Valuation), FIN 550 (Fundamentals of Financial Planning), BA 551 (Supply & Sourcing Management), BA 574 (Data Management), as well as within the capstone courses (BA 577 and FIN 553). Thus, ethics has a substantial footprint across the business curriculum, and students' understanding of ethical behavior and expectations is assessed by faculty no fewer than four times during the program.

OREGON STATE UNIVERSITY Alternative Summative Assessment

In lieu of formal final oral exam, we will use a comprehensive project-based capstone to provide the summative assessment for Master of Science in Business students. The capstone projects include both written and oral components and are evaluated by one or more faculty and one or more industry experts (these are typically industry-sponsored projects with multiple industry stakeholders attending the final project presentation).

Among our PAC-12 peers, all other Colleges of Business have specialty masters programs (Master of Science degrees) similar to the one we are proposing, and the majority (seven) use a project-based capstone model. The other four award specialty masters using a coursework only approach.

PAC-12 Schools With Project-Based Capstones

UNIVERSITY OF OREGON

Master of Science in Finance

The MSF curriculum totals a minimum of 45 credits, allowing students in complete the degree in 12 months (four quarters). The program consists of six required courses—including a capstone practicum and a quarterly seminar—and thirteen electives, emphasizing valuation and asset management. The required core courses have no pre-requisites for MSF students. The program will coordinate with industry partners to design real world projects such as security analysis, portfolio allocation, risk management, and valuation of corporate investment projects or startups.

Capstone is FIN 609 Practicum: Applications in Investment Management (3 credits) This course is envisioned as a capstone course. Students work in teams on an applied finance project. This project should be associated with the area of focus of the students' electives as it will illustrate the students' knowledge and expertise that students can reference when speaking to potential employers.

MS in Sports Marketing

Course Descriptions

Integrated Project – Capstone: The final term of the integrated project is devoted entirely to experiential learning. Students will work in teams and with industry mentors supporting their career goals and helping to align projects to support their portfolios. Outlined below are the major deliverables for this nine-unit term: Present a global brand strategy, as well as target consumer profiles and data to support that strategy. Demonstrate understanding of innovation, sustainability, and costing—their unique benefits and sources of competitive advantage. Present manufacturing, supply-chain, retail strategy, pricing, and merchandising plans Present a capstone product, strategy, and business plan to an evaluation panel of three to five industry professionals Demonstrate capability to move product to the first production run Create a leadership identity and understand leadership strategies and influence within large and small teams.

UNIVERSITY OF WASHINGTON

Master of Science in Entrepreneurship

Curriculum

The Master of Science in Entrepreneurship curriculum is built on the same rigor as our MBA coursework, but is focused on the stages of entrepreneurial development (with an emphasis on strategy, marketing, and finance) and real-world practice. Each quarter includes a lead course oriented around a set of challenges that are particularly salient in that stage of the entrepreneurial

process. Each lead course includes a practicum project associated with a critical entrepreneurial milestone. The experience culminates in a Business Plan Competition.

Master of Supply Chain Management

Overview: The Master of Supply Chain Management (MSCM) program at the University of Washington Foster School of Business is a one-year, work-compatible, accelerated master's program designed for aspiring leaders in the supply chain field. The MSCM program blends supply chain concepts like sourcing, forecasting and global supply chain logistics with cross-functional business acumen and hands-on, industry experience. Classes are held in-person at our Seattle campus Monday and Wednesday evenings and five to six Saturdays per quarter, giving you the flexibility to work full time if you choose. Foster's Master of Supply Chain Management degree is a STEM program.

SCM 599: Supply Chain Leader Series (1-2 credits, 5 max) Offered each quarter. Provides the capstone learning experience. Includes seminars given by supply chain leaders, a final quarter student report and student project are assigned. Provides students the opportunity to complement their in-class learning experience with related practical experience by working on a project. This course is a part of the industry component.

UCLA

Master of Science in Business Analytics

Capstone

Analytics Project: Tackle a practical, real-world business analytics problem.

The UCLA Anderson MSBA curriculum is solidly based on the business school paradigm of merging theory and principle with up-to-the-minute business practice. While MSBA programs are available at many universities, UCLA Anderson is one of the few top-tier business schools worldwide to offer the MSBA degree. Our dynamic curriculum, taught by world-renowned faculty, merges technical and theory-based pedagogy with practical immersion through a summer internship and a corporate sponsored Capstone Analytics Project.

The Capstone Analytics Project (CAP) gives MSBA candidates the opportunity to apply knowledge acquired through MSBA coursework to solve a practical, real-world business analytics problems. By partnering with a corporate client, students work in teams of 4 to develop and showcase their knowledge of business analytics, hone their communication skills and delve more deeply into an area of interest beyond the classroom.

Master of Science in Financial Engineering

The UCLA Anderson MFE curriculum is solidly based on the business school paradigm of merging theory and principle with up-to-the-minute business practice. While MFE programs are available at many universities, UCLA Anderson is one of the few top-tier business schools worldwide to offer the MFE degree. Our dynamic curriculum, taught by a world-renowned finance faculty, merges technical and theory-based pedagogy with practical immersion through a summer internship and a corporate sponsored Applied Finance Project.

Applied Finance Project

The Applied Finance Project (AFP) gives MFE candidates the opportunity to apply knowledge acquired through MFE coursework to solve a practical, real-world financial engineering problem. By partnering with a corporate client, students work in teams of 4 to develop and showcase their

knowledge of quantitative finance, hone their communication skills and delve more deeply into an area of interest beyond the classroom.

ARIZONA STATE UNIVERSITY

Master of Science in Business Analytics

ASU MS in Business Analytics:
Curriculum
Delivered by the highly ranked W. P. Carey Departments of Information Systems and Supply Chain Management, the Master of Science in Business Analytics (MS-BA) builds on your quantitative skills and develops the analytics depth you need to make an immediate impact.
Capstone is Applied Project: Addresses a problem in a domain where the use of your analytics skills yields real-world experience through projects drawn from real business settings that represent important aspects of organizations' deployment of analytics in their business model.
You will be challenged to understand the context of the business situation and then identify relevant tools and analytics frameworks to gain both insights into past and present operations, as well as predictions of future performance. In addition, your end-to-end project will offer challenges that may include messy data sources and undefined business value, which will develop and advance your communication skills and leadership abilities. This team-based project is intended to push the envelope of your skills in applying data science to a variety of domains.

Master of Science in Global Logistics
MS in Global Logistics:
Curriculum
Develop the expertise and skills to lead across complex functions and industries. In only nine months, the W. P. Carey MS-GL program will build your leadership skills and prepare you for a global marketplace.
Capstone is Applied Project: Addresses a problem in a domain where the use of your logistics knowledge in a real-world setting contributes to solving an actual business need for an established company. Any and every aspect of satisfying either internal or external customers may be involved. You will be challenged to understand the context of the business situation and then identify global logistics issues and logistical problem solving approaches to deepen company insights into past and present operations, and to improve future performance.
In addition, your end-to-end project will offer challenges that may include messy data sources and undefined business value, which will develop and advance your communication skills and leadership abilities. This team-based project is intended to push the envelope of your skills in defining, addressing, and solving customer service and cost problems in all parts of the logistics supply chain.

UNIVERSITY OF ARIZONA

Master of Science in Finance
The final project is a team-based project with a written paper and presentation.

Master of Management Information Systems
Students must complete a final project. Students have the option of completing these projects individually or as a team. Projects are based on real world business challenges.

BERKELEY

Master of Financial Engineering
Curriculum: Designed by a world-class business school, the MFE Program's curriculum challenges you to think of innovative ways to integrate quantitative methods with the theoretical framework and institutional settings in which they are applied. Taught by a renowned faculty comprised of prominent scholars and industry luminaries, MFE courses are anchored in cutting-edge research and best practices in financial engineering. The Berkeley MFE Program is a one-year program beginning in March, with an internship period from October to January, and graduation the following March. MFE students must successfully complete 30 units of coursework (1 unit = 15 class hours), including the Morgan Stanley Applied Finance Project, plus an internship or on-site project. The 10- to 12-week internship project is a required condition for graduation. No thesis is required.

UNIVERSITY OF UTAH
Master of Science in Business Analytics:
MSBA Capstone Project
To enhance the hands-on focus of the MSBA program, students complete a capstone project as the culmination of their degree. The capstone project allows students to demonstrate their knowledge in key areas of business analytics by completing a complex consulting-based project. The capstone requirement is worth three credit hours and completed over three semesters.
Semester 1: Career Development
Semester 2: Project Planning
Semester 3: Project Execution
MSBA capstone projects are primarily consulting-based. Working in groups of 2-4, students will capture, organize and analyze data from a company sponsor — either a business or a nonprofit organization. True to consulting nature, student groups will then make recommendations to their sponsor based on their analytics findings. Sponsor companies represent a variety of industries including operations, healthcare and marketing.

Master of Science in Finance
MS in Finance: (no required capstone)
Degree Requirements
MSF Core Courses (18 Credit Hours)
ACCTG 6610 Reading and Interpreting Financial Statements (3)
FINAN 6050 Statistics for Finance (3)
FINAN 6210 Cases in Financial Strategy (3)
FINAN 6220 Advanced Corporate Finance (3)
FINAN 6360 Investments and Portfolio Management (3)
FINAN 6380 Financial Modeling (3)
+12 Credits of Electives

PAC-12 Schools with Coursework-Only Specialty Masters

UNIVERSITY OF COLORADO

Master of Science in Finance, Business Analytics, & Supply Chain Management
None of these MS degrees have capstone or thesis credit in their programs of study. Students must submit a Degree Plan Approval Form, which specifies that these MS degrees (in addition to multiple others across various colleges) are course-work only.

USC

Master of Science in Finance, Business Analytics, & Global Supply Chain Management
None of these MS degrees have required capstone or thesis requirements and are course-work only degrees.

WASHINGTON STATE UNIVERSITY

Master of Accounting
The MA is a coursework-only option for students seeking to meet the 150-hour rule requirement for the CPA exam.

STANFORD

MSx
Offers a single MSx degree that is customizable with 13 electives across disciplines and 11 core business courses. There are no capstone or thesis credits required.