

Certificate: Business Administration

Certificate Description:

An advanced certificate in business administration, primarily targeted for students who pursue the applied management bachelor's degree. This certificate is developed and granted by BYU-Idaho.

Course Code	Course Name	15 Credits
MATH 221	Business Statistics	3 Credits
FIN 301	Financial Management	3 Credits
ACCTG 202	Managerial Accounting	3 Credits
SCM 361	Production and Operations Management	3 Credits
BUS 380	Introduction to International Business	3 Credits

Course Descriptions:

MATH 221 (3 credits) – Business Statistics

In this course business students will study graphical representation of data, measure of center and spread, elementary probability, sampling distributions, correlation and regression, statistical inference involving means, proportions, and contingency tables.

FIN 301 (3 credits) – Financial Management

This introductory course in financial management provides a basic foundation for other courses in finance and business management. Topics covered in this course include financial statement analysis, financial forecasting, leverage, working capital management, capital structure, capital budgeting, short and long-term financial management, sources of financing, time value of money, and cost of capital.

ACCTG 202 (3 credits) – Managerial Accounting

This course is concerned with providing information to managers who direct and control business operations. The information is used primarily to analyze business problems, identify alternatives, and make appropriate decisions. This course is designed to introduce students to a variety of topics in managerial accounting, help them learn the mechanics of common managerial calculations, and learn how to use spreadsheets to capture accounting data, analyze business problems, and develop alternative plans; make informed decisions; and communicate their analysis and decision effectively.

SCM 361 (3 credits) – Production and Operations Management

This course in production and operations management has three primary purposes: help students (1) improve their spreadsheet-modeling skills, (2) improve file-organization skills, and (3) learn principles of production and operations management and how to effectively manage transformational processes that achieve delivery, cost, and quality objectives. This course will pursue these purposes using a variety of teaching techniques, including readings, homework problems, qualitative and quantitative assessments, and in-class activities and simulations.

BUS 380 (3 credits) – Introduction to International Business

This course is an overview of international business, designed to provide a global perspective on international trade and direct investment. It reviews international cultural, political, legal and economic environments and their effect on marketing, production, and human resource management strategy.

Outcomes:

- Evaluate profitability through managerial accounting principles and skills.
- Use statistical procedures and tests to understand and interpret data.
- Analyze and provide recommendations using financial statements, forecasting, leverage, working capital management, structure, budgeting, sources of financing, time value of money, and cost of capital to improve business decisions and profitability.
- Use modeling tools to improve operational performance.
- Provide insights and recommendations on how foreign exchange, regional economic integration, business culture, and government trade and investment policy affect international sourcing, marketing and human resource strategies.

Potential Employment:

- Management positions within the area of focus of your gateway certificate