

SUPPLY CHAIN ANALYTICS GRADUATE OPTION

This option is available within the Business (<https://catalog.oregonstate.edu/college-departments/business/business-msb/>) major at the following locations:

- Corvallis
- Ecampus

This option targets the efficient allocation of resources marshalled for an economic purpose and to inform this process utilizing the wealth of business data available. Supply Chain Analytics specifically stimulates economic growth and social progress through the optimization of processes throughout the supply chain based on the collection and analysis of substantial data.

Option Code: 2069

Upon successful completion of the program, students will meet the following learning outcomes:

- Conduct research or produce some other form of creative work.
- Demonstrate mastery of subject material.
- Conduct scholarly or professional activities in an ethical manner.
- Analyze the impact of an enterprise on its various stakeholders.
- Propose and collect data necessary to inform a discipline-based evaluation of a complex business challenge.
- Apply critical thinking skills to a business challenge in the presence of uncertainty and ambiguity.
- Organize and present in written and oral form a persuasive and comprehensive evaluation of a business challenge.

Code	Title	Credits
Required Core		
BA 555	PRACTICAL BUSINESS ANALYSIS	3
BA 561	SUPPLY CHAIN MANAGEMENT	3
BANA 560	BUSINESS ANALYTICS AND AI FOR COMPETITIVE ADVANTAGE	3
BANA 570	DATA MANAGEMENT	3
BANA 571	DATA EXPLORATION AND VISUALIZATION	3
SCLM 550	SUPPLY AND SOURCING MANAGEMENT	3
SCLM 551	SERVICE OPERATIONS MANAGEMENT	3
SCLM 553	SUPPLY CHAIN ANALYTICS	3
Select a pair of courses from the following:		
BANA 572 & BANA 577	MACHINE LEARNING AND TEXT MINING FOR BUSINESS and INTEGRATED BUSINESS ANALYTICS PROJECT	6
SCLM 557 & SCLM 559	GLOBAL LOGISTICS MANAGEMENT: FUNDAMENTALS AND STRATEGY and SUPPLY CHAIN AND LOGISTICS MANAGEMENT CAPSTONE	6
Total Credits		30

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