

SUPPLY CHAIN AND LOGISTICS MANAGEMENT GRADUATE MAJOR (MS)

This program is available at the following locations:

- Corvallis
- Ecampus

The Master of Science degree in Supply Chain and Logistics Management is designed to equip students with the skills and knowledge necessary to succeed in a complex and dynamic global business environment. This comprehensive program covers a wide range of topics, including procurement, transportation, inventory management, warehousing, distribution, and customer service.

The curriculum is designed to provide students with a broad understanding of supply chain management and logistics principles, as well as advanced analytical and problem-solving skills. Students will learn how to optimize the flow of goods and services across the entire supply chain, from raw materials to finished products.

The program also provides students the ability to focus on industry-specific supply chain challenges in areas such as Pharmacy Management, Occupational Safety, Business Analytics, and Natural Resource Management.

Major Code: 2030

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.
- Apply concepts of operations and supply chain management with qualitative and quantitative methods to inform business decisions within industry-specific applications.
- Design appropriate resource management plans and supply chains that are lawful, ethical, and environmentally and socially responsible.
- Examine, develop, and evaluate facets of a supply chain with quantitative and qualitative methods.
- Appraise real-world supply chain and logistics challenges and formulate data-driven and research-informed practical solutions.

Code	Title	Credits
Required Core		
BA 514	OPERATIONS MANAGEMENT	3
BA 561	SUPPLY CHAIN MANAGEMENT	3
BA 555	PRACTICAL BUSINESS ANALYSIS	3
SCLM 550	SUPPLY AND SOURCING MANAGEMENT	3
SCLM 551	SERVICE OPERATIONS MANAGEMENT	3
SCLM 553	SUPPLY CHAIN ANALYTICS	3
SCLM 557	GLOBAL LOGISTICS MANAGEMENT: FUNDAMENTALS AND STRATEGY	3
Business Electives		
Select a minimum of 9 credits from the following courses:		9-12
BA 513	BUSINESS LEGAL ENVIRONMENT	
BA 515	MANAGERIAL DECISION TOOLS	
BA 516	CREATING VALUE IN EXCHANGE	

BA 517	MARKETS AND VALUATION	
BA 518	ENTREPRENEURIAL MINDSET AND INNOVATION	
BA 528	FINANCIAL AND COST ANALYSIS	
BA 540	CORPORATE FINANCE	
BA 562	PROJECT MANAGEMENT	
BA 572	ADVANCED INFORMATION SYSTEMS	
BANA 560	BUSINESS ANALYTICS AND AI FOR COMPETITIVE ADVANTAGE	
Areas of Concentration		
Select one of the following areas of concentration for a minimum of 9 credits: ¹		9-12
<i>Occupational Safety</i>		
H 583	ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT	
H 589	EMERGENCY AND DISASTER MANAGEMENT	
IE 575	SYSTEMS THINKING THEORY AND PRACTICE	
<i>Pharmacy Management</i> ²		
PHAR 746	PHARMACY MANAGEMENT	
PHAR 738	HEALTHCARE SYSTEMS I	
PHAR 773	EVIDENCE BASED PRACTICE II: BIOMEDICAL LITERATURE APPRAISAL	
<i>Natural Resource and Forestry Management</i>		
MNR 511	INTRODUCTION TO SUSTAINABLE NATURAL RESOURCES	
SNR 512	SUSTAINABLE NATURAL RESOURCE DEVELOPMENT	
SNR 521	ECONOMICS OF SUSTAINABLE NATURAL RESOURCE MANAGEMENT	
SNR 533		
<i>Business Analytics</i>		
BANA 560	BUSINESS ANALYTICS AND AI FOR COMPETITIVE ADVANTAGE	
BANA 570	DATA MANAGEMENT	
BANA 571	DATA EXPLORATION AND VISUALIZATION	
BANA 572	MACHINE LEARNING AND TEXT MINING FOR BUSINESS	
Capstone		
SCLM 559	SUPPLY CHAIN AND LOGISTICS MANAGEMENT CAPSTONE ³	3
Total Credits		45

¹ Not all concentrations or coursework are available in all modalities. Students should work with the advisor to determine the ideal program of study for their modality and interests

² Students must be admitted to a Pharmacy graduate program to complete the Pharmacy Management concentration

³ Alternative equivalent capstones may be available

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