

Supply Chain Management

Department Information

- **Department Chair:**
Tim Peterson, Ph.D.
- **Academic Coordinator:**
Jody Bohn Baldock
- **Email:**
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- **Department Location:**
Upper Great Plains Transportation Institute, Quentin Burdick Building 418
- **Department Phone:**
(701) 231-7767
- **Department Web Site:**
www.ndsu.edu/business/programs/graduate/mscm/ (<http://www.ndsu.edu/business/programs/graduate/mscm/>)
- **Application Deadline:**
July 1 for fall semester; December 1 for spring semester; April 1 for summer semester
- **Credential Offered:**
M.S.C.M., Certificate - All programs offered online only
- **English Proficiency Requirements:**
TOEFL iBT 71, IELTS 6; Duolingo 100

The Department of Transportation, Logistics, and Finance offers an online master's degree in Supply Chain Management (MSCM) and online graduate certificate in Enterprise Resource Planning (ERP) and Supply Chain Management. The degree/certificate is awarded through the College of Business in collaboration with the Upper Great Plains Transportation Institute. The programs take an interdisciplinary approach to supply chain, logistics and transportation to attract students with a multitude of backgrounds.

These programs target aspiring supply chain professionals, industry professionals, military officers and Department of Defense civilians who want to meet all the supply chain challenges of the 21st century. A wide range of career opportunities exists in the supply chain industry, including supply chain manager, logistics manager, warehouse/distribution manager, business process improvement analyst, and many more.

Curriculum Focus

The uniqueness of these programs is reflected in the curriculum focus, which is a direct derivative of the private industry needs and Army's National Logistics Curriculum. The following focus areas define a framework for expected outcomes and curricula:

- integrated supply chain management
- procurement, sourcing, and financial planning of the supply chain
- supply chain optimization and planning
- global supply chain management
- technology enablers for supply chain
- change management and leadership
- enterprise resource planning including hands-on SAP training and data analytics
- remote sensing and adaptive logistics planning
- transportation analysis and planning for logistics
- emergency management

Master of Supply Chain Management (MSCM)

The MSCM is a non-thesis degree. Students will participate in a multitude of interdisciplinary courses that will enhance and develop their supply chain skills, research abilities, and their capacity to apply them in real world situations.

Certificate in Enterprise Resource Planning (ERP)

SAP is the leading global provider of ERP software. More than 200,000 organizations around the world use SAP software to streamline the management of their business processes. More than 80% of Fortune 1000 companies use SAP to integrate their business activities. To best use their SAP solutions, organizations need people with ERP knowledge and skill to drive business processes effectively and efficiently.

The MSCM program offers three courses in SAP that will give you the skills needed to be a leader in the next generation of digital enterprise. These graduate-level courses include up to 50 hours of hands-on experience learning enterprise resource integration of supply chain processes such as procurement, material management, production, distribution and fulfillment.

North Dakota State University is a member of the SAP University Alliances, which allows our students to learn by having access to SAP data to manipulate and experience real world situations.

Certificate in Supply Chain Management

The certificate in Supply Chain Management will provide students with the skills to establish effective supply chains, understand issues in contemporary global logistics, use quantitative decision analysis models to make good decisions, and analyze processes that could contribute to the success or failure of supply chains. The certificate in Supply Chain Management program requires the completion of a minimum of nine credits (three courses) of graduate study beyond the baccalaureate degree.