

# Graduate Certificate in Global Supply Chain Management

The Graduate Certificate in Global Supply Chain Management (GSCM) is an interdisciplinary certificate between the Department of Industrial and Systems Engineering, College of Engineering, and the Department of Management, Trulaske College of Business. The certificate is an interdisciplinary certificate consisting of two Supply Chain courses (one from Management and one from Industrial Engineering) and one Analytics elective and one Supply Chain/Operations elective. Certificate holders will gain knowledge in operations management, analytics, sourcing/procurement, logistics, distribution, transportation, information technology, and decision sciences.

## Requirements

The certificate requires the completion of 12 credit hours with a 3.00 GPA.

### Academic Requirements for the Stand-Alone Certificate:

The prerequisite for the stand-alone certificate is a baccalaureate degree and prior statistical coursework. Students with either an AACSB accredited BS in Business or an ABET-accredited BS in Industrial Engineering will meet this requirement. Students who are pursuing the stand-alone certificate must dually enroll in the Graduate School, be admitted to the GSCM Graduate Certificate Program and receive graduate credit for their 12 semester hours of stand-alone certificate courses.

### Academic Requirements for the Obtaining Certificate as part of other MU degree:

Students currently enrolled in MU MBA, MS Business or MS/PhD Industrial Engineering programs will meet admission requirements and need to complete the required 12-semester credits of the GSCM program.

Required Courses- 6 credit hours		6
MANGMT 8001	Topics in Management (Fundamentals of Strategic Profit and Cost Management in Supply Chain Management)	3
ISE 8370	Supply Chain Modeling and Analysis	3
Analytics Track- 3 credit hours from the following:		3
ISE 8110	Design and Analysis of Engineering Experiments	3
ISE 8410	Advanced Analytics with Engineering Applications	3
MANGMT 7450	Business Analytics	3
MRKTNG 8180	Applied Statistics for Marketing Analytics	3
MRKTNG 8760	Marketing Analytics for Business Decisions	1-3
MRKTNG 8780	Advanced Marketing Analytics	1.5
MRKTNG 8800	R for Marketing Analytics	1.5
MRKTNG 8810	Python for Marketing Analytics	1.5
Supply Chain/Operations Track- 3 credit hours from the following:		3
ISE 7350	Production and Operations Analysis	3
ISE 7360	Supply Chain Engineering	3

ISE 7370	Service Systems Engineering and Management	3
ISE 8030	Advanced Manufacturing and Supply Systems	3
ISE 8310	Advanced Integrated Production Systems	3
MANGMT 7080	Managing Global Trade	3
MANGMT 7090	Purchasing and Supply Management	3
MANGMT 7430	Operations Strategy	1-3

## Contact Information:

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