

SUPPLY CHAIN MANAGEMENT, MASTER OF (M.S.C.M.) WITH A CONCENTRATION IN SUPPLY CHAIN ANALYTICS

Program accreditation

Association to Advance Collegiate Schools of Business

Program goal

The Master of Supply Chain Management program will educate students on the theory, skills and practices necessary to manage the daily challenges in managing global supply chains. Students will be introduced to supply management and logistics systems, international logistics, transportation management, enterprise resource planning and innovation processes. In addition, students will learn how to identify problems, gather information, analyze data, interpret solutions, establish contingencies and effectively present results.

Although developed in collaboration with the U.S. Army, the intent of the program is to provide an opportunity for both military officers and civilians to earn a master's degree in supply chain management.

Student learning goals

Graduates will employ knowledge of supply chain management, while effectively utilizing analytics tools, to provide solutions and insight to complex business solutions.

Student learning outcomes

Masters of Supply Chain Management core outcomes

1. **Content knowledge:** Demonstrate an understanding of the complexities of global supply chains
2. **Uncertainty and risk:** Demonstrate appropriate strategies to assess and manage uncertainty and risk
3. **Analytics applications:** Apply analytics techniques to supply chain problems

Supply chain analytics concentration-specific outcome

1. **Analytics methodologies:** Employ analytics tools to support decision-making

VCU Graduate Bulletin, VCU Graduate School and general academic policies and regulations for all graduate students in all graduate programs

The VCU Graduate Bulletin website documents the official admission and academic rules and regulations that govern graduate education for all graduate programs at the university. These policies are established by the graduate faculty of the university through their elected representatives to the University Graduate Council.

It is the responsibility of all graduate students, both on- and off-campus, to be familiar with the VCU Graduate Bulletin as well as the **Graduate School website** and academic regulations in individual school and department publications and on program websites. However, in all cases, the official policies and procedures of the University Graduate Council, as

published on the VCU Graduate Bulletin and Graduate School websites, take precedence over individual program policies and guidelines.

Visit the [academic regulations section](#) for additional information on academic regulations for graduate students.

Degree candidacy requirements

A graduate student admitted to a program or concentration requiring a final research project, work of art, thesis or dissertation, must qualify for continuing master's or doctoral status according to the degree candidacy requirements of the student's graduate program. Admission to degree candidacy, if applicable, is a formal statement by the graduate student's faculty regarding the student's academic achievements and the student's readiness to proceed to the final research phase of the degree program.

Graduate students and program directors should refer to the following degree candidacy policy as published in the VCU Graduate Bulletin for complete information and instructions.

Visit the [academic regulations section](#) for additional information on degree candidacy requirements.

Graduation requirements

As graduate students approach the end of their academic programs and the final semester of matriculation, they must make formal application to graduate. No degrees will be conferred until the application to graduate has been finalized.

Graduate students and program directors should refer to the following graduation requirements as published in the Graduate Bulletin for a complete list of instructions and a graduation checklist.

Visit the [academic regulations section](#) for additional information on graduation requirements.

Other information

School of Business **policies and procedures for graduate students** are available on the school's website.

Apply online today. (<https://www.vcu.edu/admissions/apply/graduate/>)

Admission requirements

Degree:	Semester(s) of entry:	Deadline dates:	Test requirements:
M.S.C.M.	Fall	Jul 1	GRE or GMAT*
	Spring	Nov 1	

In addition to the general admission requirements of the VCU Graduate School (<https://bulletin.vcu.edu/graduate/study/admission-graduate-study/admission-requirements/>), applicants must submit an up-to-date resume.

*Test requirements may be waived. Waiver request information can be found on the Graduate Studies in Business webpage (<https://business.vcu.edu/graduate-studies/how-to-apply/>).

Degree requirements

In addition to the VCU Graduate School graduation requirements (<https://bulletin.vcu.edu/academic-regs/grad/graduation-info/>), students must complete a minimum of 30 credit hours. These credit hours consist of six core courses (18 credit hours), one required analytics concentration

course (three credit hours), two analytics concentration electives (six credit hours), and one open elective course (three credit hours).

The foundation course may be waived for students who present satisfactory equivalent preparation at either the undergraduate or graduate level. This determination is made by the faculty adviser at the time of admission.

Course	Title	Hours
Foundation course		
SCMA 524	Statistical Fundamentals for Business Management	3

Curriculum requirements

Course	Title	Hours
Core courses		
SCMA 602	Global Supply Chain Management	3
SCMA 603	SAP ERP and Supply Chain Management	3
SCMA 606	Supply Chain Innovation	3
SCMA 615	Strategic Logistics Management	3
SCMA 675	Operations Management	3
SCMA 697	Guided Study in Supply Chain Management	3

Concentration courses		
SCMA 642	Decision and Risk Analytics	3
Select two from the following:		6
INFO 645	Prescriptive Analytics	
INFO 664	Information Systems for Business Intelligence	
SCMA 669	Developing and Implementing Forecasting Methods for Business	
SCMA 677	Quality Management and Six Sigma	

Open Elective		
Select an additional course from the concentration course list or one from the following:		3
ENVS 521	Introduction to Geographic Information Systems	
ENVS 675	Advanced Environmental Applications of GIS	
FIRE 540	Financial Analytics	
HADM 610	Health Analytics and Decision Support	
INFO 532	Practical Process Rethinking with AI	
INFO 601	Database Management	
INFO 661	Information Systems for Managers	
MGMT 634	Collective Bargaining and Labor Arbitration	
MGMT 641	Leading People and Organizations	
MGMT 644	International Business Management	
MGMT 654	Negotiations	
MGMT 655	Entrepreneurship	
MGMT 680	Health, Safety and Security Administration	
MKTG 622	Corporate Social Responsibility and Ethics	

MKTG 671	Marketing Management
MKTG 673	Marketing Research
MKTG 678	Marketing Analytics
Total Hours	30

The minimum number of graduate credit hours required for this degree is 30.

Contact

Austen Gouldman
gouldmana@vcu.edu
(804) 828-4622

Additional contact

Graduate Studies in Business
gsib@vcu.edu
(804) 828-4622

Program website business.vcu.edu/academics/supply-chain-management-and-analytics/master-of-supply-chain-management/
(<http://business.vcu.edu/academics/supply-chain-management-and-analytics/master-of-supply-chain-management/>)