Supply Chain Management, Master of (M.S.C.M.)

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
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 methodologies: Employ analytics tools to support decision-making
4. Analytics applications: Apply analytics techniques to supply chain problems

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 (http://www.gpp.vcu.edu/) 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. (http://bulletin.vcu.edu/academic-regs/)

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. (http://bulletin.vcu.edu/academic-regs/grad/candidacy/)

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. (http://bulletin.vcu.edu/academic-regs/grad/grad/candidacy/)

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

<table>
<thead>
<tr>
<th>Degree:</th>
<th>Semester(s) of entry:</th>
<th>Deadline dates:</th>
<th>Test requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.S.C.M.</td>
<td>Fall</td>
<td>Jul 1</td>
<td>GRE or GMAT*</td>
</tr>
<tr>
<td></td>
<td>Spring</td>
<td>Nov 1</td>
<td></td>
</tr>
</tbody>
</table>

In addition to the general admission requirements of the VCU Graduate School (http://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 (http://bulletin.vcu.edu/academic-regs/grad/grad/candidacy/), students must complete a minimum of 30 credit hours. These credit hours consist of six core courses (18 credit hours), two analytics courses (six credit hours) and two elective courses (six 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCMA 524</td>
<td>Statistical Fundamentals for Business Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Curriculum requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCMA 602</td>
<td>Global Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMA 603</td>
<td>SAP ERP and Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMA 606</td>
<td>Supply Chain Innovation</td>
<td>3</td>
</tr>
<tr>
<td>SCMA 645</td>
<td>Advanced Decision Analytics</td>
<td>3</td>
</tr>
<tr>
<td>SCMA 675</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>SCMA 697</td>
<td>Guided Study in Supply Chain Management</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 501</td>
<td>Introduction to Econometrics</td>
<td></td>
</tr>
<tr>
<td>ECON 612</td>
<td>Econometrics</td>
<td></td>
</tr>
<tr>
<td>OPER/STAT 649</td>
<td>Statistical Quality Control</td>
<td></td>
</tr>
<tr>
<td>SCMA 632</td>
<td>Statistical Analysis and Modeling</td>
<td></td>
</tr>
<tr>
<td>SCMA 648</td>
<td>Business Data Analytics</td>
<td></td>
</tr>
<tr>
<td>SCMA 669</td>
<td>Developing and Implementing</td>
<td></td>
</tr>
<tr>
<td>SCMA 677</td>
<td>Quality Management and Six Sigma</td>
<td></td>
</tr>
</tbody>
</table>

**Analytics courses**

Select two from the following: 6

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 608</td>
<td>Managerial Accounting Concepts</td>
<td></td>
</tr>
<tr>
<td>INFO 620</td>
<td>Data Communications</td>
<td></td>
</tr>
<tr>
<td>INFO 632</td>
<td>Business Process Re-engineering</td>
<td></td>
</tr>
<tr>
<td>INFO 661</td>
<td>Information Systems for Managers</td>
<td></td>
</tr>
<tr>
<td>INFO 664</td>
<td>Information Systems for Business Intelligence</td>
<td></td>
</tr>
<tr>
<td>MGMT 654</td>
<td>Negotiations</td>
<td></td>
</tr>
<tr>
<td>MGMT 655</td>
<td>Entrepreneurship</td>
<td></td>
</tr>
<tr>
<td>MGMT 656</td>
<td>Best Practices in Leadership</td>
<td></td>
</tr>
<tr>
<td>MKTG 671</td>
<td>Marketing Management</td>
<td></td>
</tr>
<tr>
<td>MKTG 673</td>
<td>Marketing Research</td>
<td></td>
</tr>
<tr>
<td>MKTG 674</td>
<td>Service Quality Management</td>
<td></td>
</tr>
<tr>
<td>MKTG 675</td>
<td>Digital Marketing</td>
<td></td>
</tr>
<tr>
<td>MKTG 678</td>
<td>Marketing Analytics</td>
<td></td>
</tr>
<tr>
<td>SCMA 643</td>
<td>Applied Multivariate Methods</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 30

Course may be waived for demonstrated equivalence.

**Accelerated opportunities**

The department offers opportunities for qualified undergraduate students to earn both an undergraduate and graduate degree in a minimum of five years by completing approved graduate courses during the senior year of their undergraduate program. See the program page in the Undergraduate Bulletin for details.

**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/graduate/mastersupplychain.html
(http://business.vcu.edu/graduate/mastersupplychain.html)