### Supply Chain Management Major

**Associate Dean:** Dr. Victor Mullins  
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The predominance of business activity taking place on a global scale has increased the opportunities for integrated supply chain management to have a profound impact on value chain performance. The supply chain encompasses all organizations involved in the production of a good or service and its ultimate delivery to the end consumer. Supply chain managers oversee many varied but inter-related processes including the flows of materials, funds, and information. The scope of a supply chain manager includes all of the following: demand planning, procurement and supplier management, inventory and production operations, transportation and distribution, warehousing, retail sales, customer relationship management, and reverse logistics. Supply chain managers increasingly incorporate sustainability concepts into their decision processes. Students pursuing a supply chain major will develop theoretical, analytical, and software skills designed to prepare them for careers in a variety of fields.

### Admission to the Major


### Program Learning Outcomes

1. Apply elements of critical thinking.
2. Identify common situations in chosen career that could result in ethical dilemma.
3. Analyze ethical scenarios and apply frameworks to develop solutions.
4. Foster and sustain team environments that are inclusive of ideas from all contributing members.
5. Apply leadership skills to motivate and coordinate with other to achieve goals.
6. Write professional-grade business documents.
7. Develop and deliver effective oral presentations.
8. Identify and use appropriate quantitative tools and techniques.
9. Use software applications to analyze and solve problems.
10. Explain how functional areas interact and drive one another.
11. Identify and justify optimal transportation modes given the business needs of the shipper.
12. Given various assumptions, analyze cost-service trade-offs and determine optimal inventory practices based on business needs.
13. Identify and apply supply chain management principles and appropriate information technologies to solve real world problems in a global environment.

### Requirements

Course requirements for the junior-senior curriculum concentration in Supply Chain Management are as follows:

#### College Requirements

[College Requirements](https://academiccatalog.umd.edu/undergraduate/colleges-schools/business/\#collegerequirementstext)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMGT370</td>
<td>Introduction to Transportation</td>
<td>3</td>
</tr>
<tr>
<td>BMGT372</td>
<td>Introduction to Logistics and Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>BMGT472</td>
<td>Purchasing and Inbound Logistics</td>
<td>3</td>
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Select two of the following:

- BMGT373 Supply Chain Management Internship
- BMGT374 Supply Chain Risk Management
- BMGT471 Supply Chain Consulting Fellows I
- BMGT473 Supply Chain Consulting Fellows II
- BMGT475 Supply Chain Strategy and Network Design
- BMGT476 Technology Applications in Supply Chain Management
- BMGT477 International Supply Chain Management
- BMGT478 Special Topics in Supply Chain Management

Select one of the following:

- BMGT302 Essential Programming Skills for Business Analytics
- BMGT332 Quantitative Models for Management Decisions
- BMGT385 Operations Management
- BMGT454 Global Marketing
- BMGT461 Entrepreneurship
- BMGT484 Digital Marketing
- BMGT490 QUEST Capstone Professional Practicum

#### Upper Level Economics Requirement

Select one of the following:

- ECON305 Intermediate Macroeconomic Theory and Policy
- ECON306 Intermediate Microeconomic Theory & Policy
- ECON330 Money and Banking
- ECON340 International Economics

| Total Credits | 21 |

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1 A maximum of 3 credits of BMGT373 can fulfill Supply Chain Management major requirements.
2 A maximum of 6 credits of BMGT478 can fulfill Supply Chain Management major requirements.
3 Or one of the following not selected above: BMGT373, BMGT374, BMGT470, BMGT471, BMGT473, BMGT475, BMGT476, BMGT477/BMGT477, or BMGT478 NOTE: a maximum of 3 credits of BMGT373 and a maximum of 6 credits of BMGT478 (if content differs) can fulfill Supply Chain Management major requirements.
4 Students who have completed ECON325 and ECON326 can substitute these courses for ECON305 and ECON306 respectively.

In addition to the major requirements listed above, please see the Roberts H. Smith School of Business under The Colleges and Schools in this catalog or [www.rsmith.umd.edu](http://www.rsmith.umd.edu) for a listing of additional Smith School degree requirements that apply to all Smith School majors.
Four Year Plan

Click here (https://www.rhsmith.umd.edu/programs/undergraduate/academics/academic-majors/) for roadmaps for four-year plans in the Robert H. Smith School of Business.

Additional information on developing a four-year academic plan can be found on the following pages:

- 4yearplans.umd.edu (http://4yearplans.umd.edu/)
- the Student Academic Success-Degree Completion Policy (https://academiccatalog.umd.edu/undergraduate/registration-academic-requirements-regulations/academic-advising/) section of this catalog