

# SUPPLY CHAIN MANAGEMENT - BBA

The Department of Information and Operations Management offers a Bachelor of Business Administration (BBA) degree in Supply Chain Management (SCMT). The SCMT major is primarily concerned with the efficient integration of suppliers, factories, warehouses, and retail outlets. The degree program prepares students for careers in designing and managing the activities that deliver products and services to customers. Supply chain activities add direct value to the customer and thus, are extremely valuable to firms.

The SCMT program produces graduates with strong analytical and problem-solving skills and the ability to work in and coordinate team activities. Graduates possess the business, technical, and leadership skills needed to meet the challenges of the rapidly evolving global marketplace.

For more information visit the BBA Supply Chain Management (<https://mays.tamu.edu/undergraduate/bba/supply-chain-management/>) website.

## Upper-Level Entry Requirements

Admission to the upper level major of SCMT requires satisfactory completion of specific coursework. To review requirements and application procedures see Upper-Level Entry Requirements and Application Procedures (<http://catalog.tamu.edu/undergraduate/business/>).

## Program Requirements

### Lower-Level Business Program (BUAD)

#### First Year

| Fall   |   | Semester Credit Hours |
|--|---|-----------------------|
| BUSN 101   | Freshman Business Initiative <sup>1</sup>                 | 3                     |
| MATH 140   | Mathematics for Business and Social Sciences <sup>2</sup> | 3                     |
| American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> ) <sup>3</sup>          |   | 3                     |
| Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> ) |   | 3                     |
| Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> )                                |   | 3                     |
| <b>Semester Credit Hours</b>   |   | <b>15</b>             |

#### Spring

|   |                                |   |
|---|--------------------------------|---|
| ECON 202  | Principles of Economics        | 3 |
| MATH 142  | Business Calculus <sup>4</sup> | 3 |
| American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> ) <sup>3</sup> |                                | 3 |

|  |  |   |
|--|--|---|
| Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> ) |  | 3 |
|--|--|---|

|  |  |   |
|--|--|---|
| Social and behavioral sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> ) |  | 3 |
|--|--|---|

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**Semester Credit Hours** **15**

#### Second Year

##### Fall

|  |   |   |
|--|---|---|
| ACCT 229   | Introductory Accounting                   | 3 |
| ECON 203   | Principles of Economics                   | 3 |
| ISTM 210   | Fundamentals of Information Systems       | 3 |
| POLS 206   | American National Government <sup>3</sup> | 3 |
| Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> ) <sup>1</sup> |   | 3 |

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**Semester Credit Hours** **15**

##### Spring

|  |   |   |
|--|---|---|
| ACCT 230   | Introductory Accounting                       | 3 |
| BUSN 203   | Statistical Methods for Business <sup>5</sup> | 3 |
| Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> ) <sup>1</sup>                                   |   | 3 |
| Language, philosophy and culture ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> ) |   | 3 |
| Life and physical sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#life-physical-sciences</a> )                 |   | 3 |

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**Semester Credit Hours** **15**

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**Total Semester Credit Hours** **60**

<sup>1</sup> Refer to the specific major notes below for variations from the Business (lower level) requirements.

<sup>2</sup> MATH 148, MATH 152, MATH 168 and MATH 172 will be accepted in lieu of MATH 140.

<sup>3</sup> For those students under ROTC contract, see Requirement 7 of the "Requirements for a Baccalaureate Degree." (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/>)

<sup>4</sup> MATH 147, MATH 151 and MATH 171 will be accepted in lieu of MATH 142.

<sup>5</sup> STAT 211 will be accepted in lieu of BUSN 203.

**Management Information Systems:** Students intending to major in Management Information Systems must add ISTM 250 Business Programming Logic and Design (3 credits) to second year fall curriculum in Business (lower level). The communication elective can be taken during the third year fall.

**Business Honors:** Students admitted to Business Honors take BUSN 125 Business Learning Community I (3 credits) in place of BUSN 101 in the first year fall curriculum and must add BUSN 225 Business Competency (3 credits) to the second year spring curriculum in Business (lower level). The creative arts elective can be taken during the third year fall.

**Finance:** Students intending to major in Finance must add FINC 210 to freshman year curriculum in Business (lower-level). The general elective taken in the fourth year can be reduced by 1 credit.

## Upper-Level Supply Chain Management Program

**Third Year**

| Fall                         |   | Semester<br>Credit<br>Hours |
|------------------------------|---|-----------------------------|
| FINC 341                     | Business Finance                        | 3                           |
| MGMT 363                     | Managing People in Organizations        | 3                           |
| MKTG 321                     | Marketing <sup>1</sup>                  | 3                           |
| POLS 207                     | State and Local Government <sup>2</sup> | 3                           |
| SCMT 364                     | Operations Management                   | 3                           |
| <b>Semester Credit Hours</b> |   | <b>15</b>                   |

**Spring**

|                                     |  |           |
|-------------------------------------|--|-----------|
| MGMT 311                            | Legal and Social Environment of Business         | 3         |
| SCMT 281                            | Supply Chain Management Professional Development | 1         |
| SCMT 336                            | Data Analytics with Optimization                 | 3         |
| SCMT 361                            | Operations Planning and Control                  | 3         |
| Directed elective <sup>3</sup>      |  | 3         |
| International elective <sup>4</sup> |  | 3         |
| <b>Semester Credit Hours</b>        |  | <b>16</b> |

**Fourth Year**

| Fall                           |  |           |
|--------------------------------|--|-----------|
| SCMT 334                       | Purchasing Practices                           | 3         |
| or SCMT 335                    | or Sourcing and Procurement                    |           |
| SCMT 481                       | Seminar  | 1         |
| Logistics management           |  |           |
| Select one of the following:   |  | 3         |
| SCMT 340                       | Managing Logistics and Supply Chain Operations |           |
| SCMT 380                       | Lean Business Systems                          |           |
| SCMT 469                       | Transportation Management Systems              |           |
| Directed elective <sup>3</sup> |  | 3         |
| General elective <sup>5</sup>  |  | 6         |
| <b>Semester Credit Hours</b>   |  | <b>16</b> |

**Spring**

|  |  |   |
|--|--|---|
| MGMT 466                                 | Strategic Management   | 3 |
| Supply chain technology                  |  |   |
| Select one of the following:             |  | 3 |
| SCMT 375                                 | Supply Chain Security  |   |
| SCMT 390                                 | Blockchain and AI Business Transformation                        |   |
| SCMT 455/<br>ISTM 455                    | Cybersecurity Management   |   |
| SCMT 465                                 | Information Technology for Supply Chain Management               |   |
| SCMT 468                                 | Enterprise Resource Planning                                     |   |
| Supply chain modeling and data analytics |  |   |
| Select one of the following:             |  | 3 |
| SCMT 305                                 | Forecasting and the Statistical Foundation of Business Analytics |   |

|                                     |                                       |           |
|-------------------------------------|---------------------------------------|-----------|
| SCMT 345                            | Business Process Design               |           |
| ISTM 360                            | Applied Predictive Analytics          |           |
| ISTM 450                            | Business Intelligence and Data Mining |           |
| International elective <sup>4</sup> |                                       | 3         |
| General elective <sup>5</sup>       |                                       | 1         |
| <b>Semester Credit Hours</b>        |                                       | <b>13</b> |
| <b>Total Semester Credit Hours</b>  |                                       | <b>60</b> |

<sup>1</sup> This course is an approved writing-designated (W) or oral communication (C) business course. See your academic advisor for additional information.

<sup>2</sup> For those students under ROTC contract, see Requirement 7 of the 'Requirements for a Baccalaureate Degree (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/>)'.

<sup>3</sup> Select in consultation with a supply chain management academic advisor. A list of acceptable courses is available in the department academic advising office.

<sup>4</sup> A complete list of approved courses is available in the Undergraduate Advising Office. Three of the six required hours simultaneously fulfill the university's International and Cultural Diversity Graduation requirement.

<sup>5</sup> Elective courses are open to any course offered for university credit, except ACCT 209, ACCT 210, FINC 409, IBUS 301, ISTM 209, KINE 198, MGMT 209, MGMT 309, MKTG 409, SCMT 309. Additional restrictions may apply; see academic advisor for information. May be taken on a satisfactory/unsatisfactory basis.

**Total Program Hours 120**