

## UNIVERSITY OF

Major Map: Management Science Bachelor of Science in Business Administration (BSBA) Global Supply Chain & Operations Management Concentration

Darla Moore School of Business

Department of Management Science

Catalog Year: 2017-2018

This course plan is a recommended sequence for this major. Courses designated as critical (!) may have a deadline for completion and/or affect time to graduation. Please see the "Program Notes" section for details regarding "critical courses" for this particular Program of Study.

| Critical       |  | Credit | Min. | Major<br>GPA <sup>2</sup> |                  | Prerequisites   | Notes |
|----------------|--|--------|------|---------------------------|------------------|---|-------|
| Semeste        | er One (15-16 Credit Hours)  |        |      |                           |                  |   |       |
| !              | ENGL 101 Critical Reading and Composition  | 3      | С    |                           | CC-CMW           |   |       |
| !              | MATH 122 Calculus for Bus. Admin. & Soc. Sciences<br>or MATH 141 Calculus 1 <sup>3</sup>   | 3-4    | С    |                           | CC-ARP           | MATH 111/111/115 ( <i>MATH 122</i> );<br>MATH 112/115/116 ( <i>MATH 141</i> );<br><i>or</i> Math placement test score |       |
| !              | MGSC 290 Computer Info. Systems in Business <sup>4</sup><br>or ECON 221 Principles of Microeconomics<br>or ECON 222 Principles of Macroeconomics               | 3      | С    |                           | CR               | or main placement est score   |       |
|                | Foreign language <sup>5</sup> or other Carolina Core Requirement <sup>6</sup>  | 3      |      |                           | CC-GFL           |   |       |
|                | UNIV 101 The Student in the University<br><i>or</i> Carolina Core Requirement <sup>6</sup>   | 3      |      |                           | PR/CC            |   |       |
| Semeste        | er Two (15-16 Credit Hours)  |        | I    |                           |                  |   |       |
| !              | ENGL 102 Rhetoric and Composition  | 3      | С    |                           | CC-CMW<br>CC-INF | C or better in ENGL 101   |       |
| !              | STAT 206 Elementary Statistics for Business  | 3      | С    |                           | CC-ARP           | MATH 111 or higher  |       |
| !              | ACCT 225 Introduction to Financial Accounting  | 3      | С    |                           | CR               |   |       |
| !              | MGSC 290 Computer Info. Systems in Business <sup>4</sup><br><i>or</i> ECON 221 Principles of Microeconomics<br><i>or</i> ECON 222 Principles of Macroeconomics | 3      | С    |                           | CR               |   |       |
|                | Foreign language <sup>5</sup> or other Carolina Core Requirement <sup>6</sup>  | 3-4    |      |                           | CC-GFL           |   |       |
| Semeste        | er Three (16 Credit Hours)   | 2      | C    | 1                         | CD               |   |       |
|                | ACCT 226 Introduction to Managerial Accounting   | 3      | C    |                           | CR               | ACCT 225  |       |
|                | ECON 221 Principles of Microeconomics<br>or ECON 222 Principles of Macroeconomics  | 3      | С    |                           | CR               |   |       |
|                | MGMT 250 Professional Communication  | 3      | С    |                           | CR               | ENGL 101 & 102  |       |
|                | BADM 301 Business Careers in the Global Economy  | 1      | С    |                           | CR               |   |       |
|                | MGSC 291 Statistics for Business and Economics   | 3      | С    |                           | CR               | STAT 206  |       |
|                | Carolina Core CMS <i>(SPCH 140, 230, 260, or SAEL 200)</i>   | 3      |      |                           | CC-CMS           |   |       |
| Semeste        | er Four (15-16 Credit Hours)   | ī      |      | ī                         |                  |   |       |
|                | FINA 363 Introduction to Finance   | 3      | С    |                           | CR               | ECON 221, ACCT 225, and 3 hrs. of 200-level statistics  |       |
|                | MGMT 371 Principles of Management  | 3      | С    |                           | CR               |   |       |
|                | MGSC 395 Operations Management   | 3      | С    |                           | CR               | STAT 206  |       |
|                | MKTG 350 Principles of Marketing   | 3      | С    |                           | CR               | ECON 221/222, ACCT 225/226  |       |
|                | Carolina Core Requirement <sup>6</sup>   | 3-4    |      |                           | CC               |   |       |
| Semeste        | er Five (15-16 Credit Hours)   |        |      |                           |                  |   |       |
|                | MGSC 485 Business Process Management   | 3      | С    |                           | MR               | MGSC 395  |       |
|                | MGSC 486 Service Operations Management<br><i>or</i> MGSC 491 Supply Chain Management   | 3      | С    |                           | MR               | MGSC 395; MKTG 350 (MGSC 491<br>only)   |       |
|                | ACCT 324 Survey of Commercial Law  | 3      | С    |                           | CR               |   |       |
|                | Directed Coursework <sup>7</sup>   | 3      | С    |                           | PR               |   |       |
|                | Carolina Core Requirement <sup>6</sup>   | 3-4    |      |                           | CC               |   |       |
| Semeste        | er Six (15 Credit Hours)   |        |      |                           |                  |   |       |
|                | MGSC 486 Service Operations Management<br><i>or</i> MGSC 491 Supply Chain Management   | 3      | С    |                           | MR               | MGSC 395; MKTG 350 (MGSC 491<br>only)   |       |
|                | Directed Coursework <sup>7</sup>   | 3      | С    |                           | PR               |   |       |
|                | Directed Coursework <sup>7</sup>   | 3      | Č    |                           | PR               |   |       |
|                | Carolina Core Requirement <sup>6</sup>   | 3      |      |                           | CC               |   |       |
|                | Carolina Core Requirement <sup>6</sup> or Approved Elective  | 3      |      |                           | CC/PR            |   |       |
| em <u>este</u> | er Seven (15 Credit Hours)   | •      | ·    | •                         |                  |   |       |
|                | MGSC 487 Global Sourcing Strategies and Application <sup>8</sup>   | 3      | С    |                           | MR               | MGSC 395  |       |
|                | Business Elective <sup>9</sup>   | 3      | С    |                           | PR               |   |       |
| -              | Directed Coursework <sup>7</sup>   | 3      | С    |                           | PR               |   |       |
|                | Carolina Core Requirement <sup>6</sup> or Approved Elective  | 3      |      |                           | CC/PR            |   |       |
|                | Carolina Core Requirement <sup>6</sup> or Approved Elective  | 3      |      |                           | CC/PR            |   |       |

| Semester Eight (16 Credit Hours)                 |   |   |  |        |                          |  |
|--|---|---|--|--------|--------------------------|--|
| MGMT 478 Strategic Management                    | 3 | С |  | CR     | MKTG 350, FINA 363, MGMT |  |
|  |   |   |  | CC-INT | 371 & Senior Standing    |  |
| MGSC 495 Supply Chain Planning and Control       | 4 | С |  | MR     |                          |  |
| or MGSC 497 GSCOM Capstone Project <sup>10</sup> |   |   |  |        |                          |  |
| Business Elective <sup>8</sup>                   | 3 | С |  | PR     |                          |  |
| Directed Coursework <sup>7</sup>                 | 3 | С |  | PR     |                          |  |
| Directed Coursework <sup>7</sup>                 | 3 | С |  | PR     |                          |  |

## **Graduation Requirements Summary**

| Minimum Total<br>Hours | Major Requirements Hours | College & Program<br>Requirements Hours | Carolina Core Hours | Minimum<br>Overall GPA |
|------------------------|--------------------------|---|---------------------|------------------------|
| 123                    | 16                       | 64-76                                   | 31-43               | 2.800                  |

1. Regardless of individual course grades, students must maintain a minimum 3.000 cumulative USC GPA.

- 2. Some colleges require a minimum GPA for major courses. Courses indicated in this column are included in the major GPA for this program of study.
- 3. Students who do not place into MATH 122 or MATH 141 will be required to take a summer course in the summer following their first year.
- 4. MGSC 290 is a progression requirement and must be taken within the first year in the Darla Moore School of Business. Either ECON 221 or 222 must be taken during the first year. Whichever remains incomplete at the end of the first year, will be taken during the third semester.
- 5. Students in the Darla Moore School of Business are required to demonstrate proficiency in one foreign language by a score of 2 or higher on the foreign language placement test, or credit equivalent to USC 109 and 110 courses, or credit equivalent to the USC 121 course.
- 6. The Carolina Core provides the common core of knowledge, skill and academic experience for all Carolina undergraduate students.
- 7. Directed coursework may consist of courses toward a minor, cognate, concentration, or directed study.

8. International-focused course.

- 9. Business Electives must be 300-level or higher business courses in ACCT, ECON, FINA, IBUS, MGMT, MGSC, or MKTG. Students must meet prerequisites to take the business elective of their choosing.
- 10. Selection will of MGSC 495 or MGSC 497 will be determined by GSCOM committee.

## **Program Notes:**

- Courses identified as "critical" must be completed with a grade of "C" or better in the student's first year in the Darla Moore School of Business in order to continue in the Business School.
- Students may choose to complete a Business Analytics Concentration (12 hours) in conjunction with the Management Science major.

| Required: MGSC 394 – Data Analytics for Business (3) and 9 hours from the list below: |  |  |  |  |  |
|---|--|--|--|--|--|
| MGMT 425 – HR Analytics (3)   |  |  |  |  |  |
| MGSC 390 – Business Information Systems (3)   |  |  |  |  |  |
| MGSC 486 – Service Operations Management (3)  |  |  |  |  |  |
| ) MKTG 352 – Principles of Marketing Research (3)                                     |  |  |  |  |  |
| by  |  |  |  |  |  |
|   |  |  |  |  |  |

\*\*Designated sections only.

- Business courses may be repeated only once. Students may appeal to take a course for a third time and must see an advisor to complete the appeal process.
- Students must complete nine hours of international-focused courses. These courses can be satisfied within the 122 required hours and do not require additional coursework. At least three credits must be a Business or Economics course at the 300-level or above. The remaining six credits can come from: a) two Carolina Core courses OR b) two 200-level or above foreign language course(s) in the same language. For a complete list of the these courses, please visit: <a href="http://moore.sc.edu/academicprograms/undergraduate/globalexperience/international-requirement.aspx">http://moore.sc.edu/academicprograms/undergraduate/globalexperience/international-requirement.aspx</a>
- The last 30 credit hours toward your degree must be earned in residence at the University of South Carolina-Columbia.

University Requirements: Bachelor's degree-seeking students must meet Carolina Core (general education) requirements. For more information regarding these requirements, please visit the <u>Carolina Core</u> page on the University website.

| Codes: |  |        |   |
|--------|--|--------|---|
| CC     | Carolina Core  | CC-INF | Carolina Core – Information Literacy                      |
| CC-AIU | Carolina Core-Aesthetic and Interpretive Understanding                             | CC-INT | Carolina Core – Integrative Course                        |
|        | Carolina Core-Analytical Reasoning and Problem-Solving                             | CC-SCI | Carolina Core – Scientific Literacy                       |
| CC-CMS | Carolina Core-Effective, Engaged, and Persuasive Communication: Spoken Component   | CC-VSR | Carolina Core – Values, Ethics, and Social Responsibility |
| CC-CMW | Effective, Engaged, and Persuasive Communication: Written Component                | CR     | College Requirement                                       |
| CC-GFL | Carolina Core-Global Citizenship and Multicultural Understanding: Foreign Language | MR     | Major Requirement   |
| CC-GHS | Carolina Core – Historical Thinking  | PR     | Program Requirement                                       |
| CC-GSS | Carolina Core – Social Sciences  |        |   |

Disclaimer: Major maps are only a suggested or recommended sequence of courses required in a program of study. Please contact your academic advisor for assistance in the application of specific coursework to a program of study and course selection and planning for upcoming semesters.