

FINAL DRAFT Approved by SCM Faculty 8/22/12; Approved by MTSC, with minor edits (for text and footnote consistency) 8/27/12 (unanimous approval at the department level) 6/13/13 made switch to MKTG 535 and TSCM

semester to be taught due to Spring Fall sequencing of courses offered only one semester **NEW**

NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY

School of Business and Economics

DEPARTMENT OF MARKETING, TRANSPORTATION & SUPPLY CHAIN:

SUPPLY CHAIN MANAGEMENT

Student Name: _____ Banner ID: _____
Date Prepared: _____

Students in the Department of Marketing, Transportation & Supply Chain must select a major in Marketing or **Supply Chain Management**. Students majoring in Marketing may elect a program concentration in Sales. Students in the School of Business and Economics must earn a minimum grade of "C" in ENGL 100, 101; MATH 111, 112; ACCT 221, ECON 305, MGMT 220, BUED 360, MGMT 481 and MGMT 520. Additionally, a minimum grade of "C" MUST BE EARNED in all 10 (30 hours) courses listed as MAJOR PROGRAM REQUIREMENTS and in the THREE MAJOR ELECTIVES.

CURRICULUM GUIDE FOR THE MAJOR IN

**Supply Chain Management
(0102)**

Effective: Fall 2012

Supply Chain Management

FRESHMAN YEAR

| <u>First Semester</u> | | <u>Credits</u> |
|-----------------------------------|--------------------------------------|----------------|
| _____ <i>FRST 100</i> | <i>Student Success</i> | 1 |
| _____ <i>ENGL 100</i> | <i>Ideas and Their Expressions I</i> | 3 |
| _____ <i>SCIENCE</i> | <i>Science with Lab</i> | 4 |
| _____ <i>MATH 111¹</i> | College Algebra & Trigonometry | 4 |
| _____ <i>MGMT 220</i> | Business Environment | <u>3</u> |
| | | 15 |

| <u>Second Semester</u> | | <u>Credits</u> |
|------------------------|---------------------------------------|----------------|
| _____ <i>FRST 101</i> | <i>Student Success</i> | 1 |
| _____ <i>ENGL 101</i> | <i>Ideas and Their Expressions II</i> | 3 |
| _____ <i>SCIENCE</i> | <i>Science without lab</i> | 3 |
| _____ <i>MATH 112</i> | Calculus for Non-Math Majors | 4 |
| _____ <i>SPCH 250</i> | Speech Fundamentals | 3 |
| _____ <i>BUED 210</i> | Microcomputer Usage in Business | <u>3</u> |
| | | 17 |

SOPHOMORE YEAR

| <u>First Semester</u> | | <u>Credits</u> |
|---|---|----------------|
| _____ <i>ACCT 221</i> | Principles of Accounting I | 3 |
| _____ <i>TSCM 340</i> | <i>Intro to Supply Chain Management, A Logistics Approach</i> | 3 |
| _____ <i>ECON 200 (social science)*</i> | Principles of Economics (MICRO) | 3 |
| _____ <i>ECON 305</i> | Elementary Statistics | 3 |
| _____ <i>MIS 241</i> | Intro to Management Info Systems | 3 |
| _____ _____ | <i>Free Elective ** (See recommended courses)</i> | <u>3</u> |
| | | 18 |

| <u>Second Semester</u> | | <u>Credits</u> |
|---|--|----------------|
| _____ <i>ECON 201 (social science)*</i> | Principles of Economics (MACRO) | 3 |
| _____ <i>ACCT 222</i> | Principles of Accounting II | 3 |
| _____ <i>ECON 310</i> | Advanced Statistics | 3 |
| _____ <i>TSCM 360</i> | Introduction to Transportation | 3 |
| _____ <i>MIS 440</i> | <i>Management of Information Resources</i> | <u>3</u> |
| | | 15 |

¹ Students who plan to go on to graduate school are encouraged to take Math 131 & Math 132 instead of Math 111 & Math 112

² Students must select three elective from the courses listed on the last page and earn a grade of C or better.

1. * Any General Education course must come from the list of approved General Education courses.

a. *Econ 200 and Econ 201 cross-count as social studies electives.*

b. *Therefore, students must include one global studies and one African American studies as humanities electives.*

2. ** **Recommended:** [HPED 114: (Golf) plus 2 additional hours of PE; ENG 200 (Expository Writing); ENG 300 (Advanced Composition); ENG 226 (Basic Grammar Mechanics); PHIL 268 (Introduction to Ethics); Social Phycology; Public Speaking]

semester to be taught due to Spring Fall sequencing of courses offered only one semester

NEW

Supply Chain Management

JUNIOR YEAR

| <u>First Semester</u> | | <u>Credits</u> |
|-----------------------|--|----------------|
| ___ MKTG 430 | Marketing Concepts | 3 |
| ___ MGMT 481 | Management Science | 3 |
| ___ TSCM 425 | Economics of Transportation | 3 |
| ___ MKTG 535 | Customer Relationship Marketing and Management | 3 |
| ___ BUED 360 | Business Communications | <u>3</u> |
| | | 15 |

| <u>Second Semester</u> | | <u>Credits</u> |
|--------------------------|-------------------------------|----------------|
| ___ MGMT 422 | Management Concepts | 3 |
| ___ HUMANITIES* (Global) | _____ | 3 |
| ___ TSCM 431 | Supply Chain Analysis | 3 |
| ___ MGMT 482 | Production Management | 3 |
| ___ MGMT 361 | Legal Environment of Business | <u>3</u> |
| | | 15 |

SENIOR YEAR

| <u>First Semester</u> | | <u>Credits</u> |
|-----------------------|--|----------------|
| ___ TSCM 670 | Materials Management and Distribution | 3 |
| ___ FIN 453 | Business Finance | 3 |
| ___ TSCM 580 | International Logistics & Supply Chain | 3 |
| ___ _____ | Free Elective ** (See recommended courses) | 3 |
| ___ TSCM ELECTIVE | _____ | <u>3</u> |
| | | 15 |

| <u>Second Semester</u> | | <u>Credits</u> |
|---------------------------------|--------------------------------|----------------|
| ___ TSCM 672 | Purchasing & Supply Management | 3 |
| ___ MGMT 520 | Strategic Management | 3 |
| ___ HUMANITIES* (African Amer.) | _____ | 3 |
| ___ TSCM ELECTIVE | _____ | 3 |
| ___ TSCM ELECTIVE | _____ | <u>3</u> |
| | | 15 |

Total Credit Hours: 125

MAJOR PROGRAM REQUIREMENTS:

| | <u>SEMESTER HRS.</u> |
|---|----------------------|
| ◆ TSCM 340 { Introduction to Supply Chain Management} | 3 |
| ◆ TSCM 360 { Introduction to Transportation} | 3 |
| ◆ TSCM 425 { Economics of Transportation} | 3 |
| ◆ TSCM 431 { Supply Chain Analysis} | 3 |
| ◆ MIS 440 { Management of Information Resources} | 3 |
| ◆ TSCM 580 { International Logistics and Supply Chain Management} | 3 |
| ◆ TSCM 670 { Materials Management} | 3 |
| ◆ TSCM 672 { Purchasing and Supply Management} | 3 |
| ◆ MGMT 481 { Management Science} | 3 |
| ◆ MGMT 482 { Production Management} | <u>3</u> |
| | 30 |

Supply Chain Management

Supply Chain Management Electives²

(Three electives must be completed from the courses listed below. A grade of C or better must be earned in each chosen elective)

- MKTG 434 Business-to-Business Marketing
- TSCM 470 Urban Transportation Concepts
- TSCM 450 *Carrier Management*
- MKTG 536 CRM&M Technologies
- TSCM 598 Independent Study
- TSCM 600 Selected Topics in Transportation
- ECON 410 Intermediate Micro Economics
- MIS 352 Objected-Oriented Programing

ENDNOTES

- In order to meet graduation requirements, a student majoring in **Supply Chain Management** must maintain a minimum GPA of 2.0 overall and a 2.0 in the major program requirements.
- A minimum grade of "C" MUST BE EARNED in each of the 10 courses (30 hours) listed as Major Program Requirements as well as in: ENGL 100, 101; MATH 111, 112; ACCT 221, ECON 305, MGMT 220, BUED 360, MGMT 481, MGMT 520 and in the three major electives.
- After completing 88 semester hours of course work, a student must make an appointment with the Department Chairperson for a Degree Audit.

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3. Students who plan to go on to graduate school are encouraged to take Math 131 & Math 132 instead of Math 111 & Math 112
 4. Students must select three electives from the courses listed on the last page and earn a grade of C or better.
 5. * Any General Education course must come from the list of approved General Education courses.
 - a. Econ 200 and Econ 201 cross-count as social studies electives.
 - b. Therefore, students must include one global studies and one African American studies as humanities electives.
 6. ** Recommended: [HPED 114: (Golf) plus 2 additional hours of PE; ENG 200 (Expository Writing); ENG 300 (Advanced Composition); ENG 226 (Basic Grammar Mechanics); PHIL 268 (Introduction to Ethics); Social Phycology; Public Speaking] , others may be used per approval from the Chairperson