The combined major in Health Science and Business Administration provides students at Northeastern with an opportunity to study a curriculum that is synergetic with the growing field of health care. This academic combination will provide students with the knowledge and expertise needed to enter a multitude of careers upon graduation. The degree will allow students the unique opportunity to better understand the business side of the health care industry in Massachusetts, which is home to some of the best hospitals and medical research companies in the country. The field is compatible with all the undergraduate concentrations in the School of Business and prepares students to enter the workforce after graduation.

Program Requirements
Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified and complete any additional courses needed beyond specific college and major requirements to satisfy graduation credit requirements.

University-Wide Requirements
All undergraduate students are required to complete the University-Wide Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/university-wide-requirements).

NUpath Requirements
All undergraduate students are required to complete the NUpath Requirements (http://catalog.northeastern.edu/undergraduate/university-academics/nupath).

Health Science Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PHTH 1260</td>
<td>The American Healthcare System</td>
<td>4</td>
</tr>
<tr>
<td>PHTH 2300</td>
<td>Communication Skills for the Health Professions</td>
<td>4</td>
</tr>
<tr>
<td>PHTH 2350</td>
<td>Community and Public Health</td>
<td>4</td>
</tr>
<tr>
<td>PHTH 2515</td>
<td>Healthcare Policy and Administration</td>
<td>4</td>
</tr>
<tr>
<td>PHTH 4120</td>
<td>Global Perspectives on Discrimination and Health</td>
<td>4</td>
</tr>
<tr>
<td>PHTH 4540</td>
<td>Health Education and Program Planning</td>
<td>4</td>
</tr>
<tr>
<td>HLTH 5450</td>
<td>Healthcare Research</td>
<td>4</td>
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</table>

Supporting Courses for Health Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIOL 1111 and BIOL 1112</td>
<td>General Biology 1 and Lab for BIOL 1111</td>
<td>5</td>
</tr>
<tr>
<td>BIOL 1113 and BIOL 1114</td>
<td>General Biology 2 and Lab for BIOL 1113</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1211 and CHEM 1212 and CHEM 1213</td>
<td>General Chemistry 1 and Lab for CHEM 1211 and Recitation for CHEM 1211</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1214 and CHEM 1215 and CHEM 1216</td>
<td>General Chemistry 2 and Lab for CHEM 1214 and Recitation for CHEM 1214</td>
<td>5</td>
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<tr>
<td>PSYC 1101</td>
<td>Foundations of Psychology</td>
<td>4</td>
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Business Administration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ACCT 1201</td>
<td>Financial Accounting and Reporting</td>
<td>4</td>
</tr>
<tr>
<td>ACCT 2301</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>FINA 2201</td>
<td>Financial Management</td>
<td>4</td>
</tr>
<tr>
<td>INTB 1203</td>
<td>International Business and Global Social Responsibility</td>
<td>4</td>
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</table>

Business Electives
Complete two of the following: 8

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MISM 2301</td>
<td>Management Information Systems</td>
<td></td>
</tr>
<tr>
<td>MKTG 2201</td>
<td>Introduction to Marketing</td>
<td></td>
</tr>
<tr>
<td>SCHM 2301</td>
<td>Supply Chain and Operations Management</td>
<td></td>
</tr>
<tr>
<td>ORGB 3201</td>
<td>Organizational Behavior</td>
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</table>

Supporting Courses for Business

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<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>ECON 1115</td>
<td>Principles of Macroeconomics</td>
<td>4</td>
</tr>
<tr>
<td>or ECON 1116</td>
<td>Principles of Microeconomics</td>
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</table>

Business Concentration
Complete one of the following concentrations. Requirements for the concentrations are listed below.

- Accounting
- Entrepreneurship and Innovation
- Finance
- Management
- Management Information Systems
- Marketing
- Supply Chain Management

Supporting Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HSCI 1000</td>
<td>College: An Introduction</td>
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<tr>
<td>or BUSN 1102</td>
<td>Personal Skill Development for Business</td>
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Calculus

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<tr>
<th>Code</th>
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<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 1231 or MATH 1241</td>
<td>Calculus 1</td>
<td>4</td>
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Statistics

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHTH 2210 or MGSC 2301</td>
<td>Foundations of Biostatistics and Business Statistics</td>
<td>4</td>
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</tbody>
</table>

Co-op Preparation
Complete one of the following: 4-5

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BUSN 1101 and BUSN 1103</td>
<td>Introduction to Business and Professional Development for Business Co-op</td>
<td></td>
</tr>
<tr>
<td>HSCI 2000</td>
<td>Professional Development for Bouvé Co-op</td>
<td></td>
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</table>

Capstone
Complete one of the following: 4

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>STRT 4501</td>
<td>Strategy in Action</td>
<td>4</td>
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</table>
Health Science and Business Administration, BS

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HSCI 4720</td>
<td>Health Science Capstone—Service (Prerequisite course HSCI 4700)</td>
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<tr>
<td>HSCI 4730</td>
<td>Health Science Capstone—Research (Prerequisite course HSCI 4700)</td>
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**Integrative Requirement**

<table>
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<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>MGMT 3340</td>
<td>Managing Healthcare Organizations: Critical Challenges and New Approaches</td>
<td>4</td>
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</table>

**Business GPA Requirement**

A minimum 2.000 GPA is required in all business courses.

**Program Requirement**

132 total semester hours required

### Business Concentrations

#### CONCENTRATION IN ACCOUNTING

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Required Courses</td>
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<td></td>
</tr>
<tr>
<td>ACCT 3401</td>
<td>Financial Reporting and Analysis 1</td>
<td>4</td>
</tr>
<tr>
<td>ACCT 4501</td>
<td>Financial Reporting and Analysis 2</td>
<td>4</td>
</tr>
</tbody>
</table>

| Electives |
| Complete two of the following: | 8 |
| ACCT 3403 | Accounting Information Systems |   |
| ACCT 3416 | Strategic Cost Analysis for Decision Making |   |
| ACCT 4412 | Auditing and Other Assurance Services |   |
| ACCT 4414 | Income Tax Determination and Planning |   |

#### CONCENTRATION IN ENTREPRENEURSHIP AND INNOVATION

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: The following courses do not count toward this concentration:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENTR 1201</td>
<td>The Entrepreneurial Universe</td>
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</tr>
<tr>
<td>ENTR 3308</td>
<td>Business Economic History of South Africa</td>
<td></td>
</tr>
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</table>

| ENTR 3318 |   | |
| ENTR 3328 |   | |
| ENTR 3338 | Field Research in Sustainable Energy in Iceland |   |
| ENTR 3346 |   | |
| ENTR 4510 | Management Consulting Abroad |   |
| ENTR 4514 | Development Practice and Global Citizenship in India |   |

| Introductory Course |
| ENTR 2301 | Innovation! | 4 |
| or ENTR 2303 | Entrepreneurial Marketing and Selling |   |

| Capstone Course |
| Complete one of the following: | 4 |
| ENTR 4501 | Business Planning for Technology Ventures |   |
| ENTR 4503 | Business Planning for Small and Medium Enterprises |   |

| Electives |
| Complete two of the following: | 8 |
| ENTR 4505 | Entrepreneurial Growth Strategy for Technology Ventures |   |
| ENTR 4506 | Advanced Studies in Social Enterprise |   |

| Note: Only one non-ENTR course may be used as an elective. |

#### CONCENTRATION IN FINANCE

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Required Course</td>
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<tr>
<td>FINA 3301</td>
<td>Corporate Finance</td>
<td>4</td>
</tr>
<tr>
<td>or FINA 3303</td>
<td>Investments</td>
<td></td>
</tr>
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</table>

<p>| Electives |
| Complete three of the following: | 12 |
| ENTR 3520 | Impact Investing and Social Finance |   |
| or FINA 2720 | Sustainability in the Business Environment |   |
| FINA 3301 | Corporate Finance (if not selected as a required course) |   |
| FINA 3303 | Investments (if not selected as a required course) |   |
| FINA 4219 | Portfolio Management |   |
| FINA 4220 | Behavioral Finance |   |
| FINA 4310 | Working Capital Management |   |
| FINA 4312 | Issues in Corporate Governance |   |
| FINA 4320 | International Financial Management |   |
| FINA 4410 | Valuation and Value Creation |   |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINA 4412</td>
<td>Personal Financial Planning</td>
<td></td>
</tr>
<tr>
<td>FINA 4420</td>
<td>Mergers and Acquisitions</td>
<td></td>
</tr>
<tr>
<td>FINA 4512</td>
<td>Financial Risk Management</td>
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</tr>
<tr>
<td>FINA 4514</td>
<td>Investment Banking</td>
<td></td>
</tr>
<tr>
<td>FINA 4516</td>
<td>Real Estate Finance</td>
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<tr>
<td>FINA 4524</td>
<td>Credit Analysis</td>
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<tr>
<td>FINA 4526</td>
<td>Core Topics in Alternative Investments</td>
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<tr>
<td>FINA 4983</td>
<td>Special Topics in Finance</td>
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<tr>
<td>FINA 4602</td>
<td>Turnaround Management</td>
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<tr>
<td>FINA 4604</td>
<td>Fixed-Income Securities</td>
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<tr>
<td>FINA 4608</td>
<td>Advanced Financial Strategy</td>
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</tr>
<tr>
<td>FINA 4610</td>
<td>Entrepreneurial Finance, Innovation, Valuation, and Private Equity</td>
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**CONCENTRATION IN MANAGEMENT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT 4501</td>
<td>Skills for Managerial Success</td>
<td>4</td>
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</table>

**Electives**

Note: Only one non-MGMT course may be used as an elective.

Complete three of the following: 12

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MGMT 3302</td>
<td>Negotiating in Business</td>
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</tr>
<tr>
<td>MGMT 3315</td>
<td>Managing Organizational Change and Disruption</td>
<td></td>
</tr>
<tr>
<td>MGMT 3330</td>
<td>Developing Leaders for Global Sustainability</td>
<td></td>
</tr>
<tr>
<td>MGMT 3340</td>
<td>Managing Healthcare Organizations: Critical Challenges and New Approaches</td>
<td></td>
</tr>
<tr>
<td>MGMT 3350</td>
<td>Managing a Diverse Workforce</td>
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</tr>
<tr>
<td>MGMT 3360</td>
<td>Law and the Legal Process</td>
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</tr>
<tr>
<td>MGMT 3420</td>
<td>Managing Human Capital</td>
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</tr>
<tr>
<td>MGMT 3510</td>
<td>Managing Global Teams Virtually and Locally</td>
<td></td>
</tr>
<tr>
<td>MGMT 3530</td>
<td>Project Management</td>
<td></td>
</tr>
<tr>
<td>MGMT 4310</td>
<td>The Management Practices of Great Organizations</td>
<td></td>
</tr>
<tr>
<td>MISM 4410</td>
<td>Human Resources and Workforce Analytics</td>
<td></td>
</tr>
<tr>
<td>ENTR 2215</td>
<td>Understanding Family Enterprise</td>
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</tr>
<tr>
<td>ENTR 2414</td>
<td>Social Responsibility of Business in an Age of Inequality</td>
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<tr>
<td>ENTR 4225</td>
<td>Corporate Entrepreneurship through Global Growth, Acquisitions, and Alliances</td>
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</tbody>
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**CONCENTRATION IN MANAGEMENT INFORMATION SYSTEMS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>MISM 3403</td>
<td>Data Management in the Enterprise</td>
<td>4</td>
</tr>
<tr>
<td>MISM 4501</td>
<td>Business Systems Integration</td>
<td>4</td>
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</tbody>
</table>

**Electives**

Note: Only one non-MISM course may be used as an elective.

Complete two of the following: 8

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MISM 2510</td>
<td>Fundamentals of Information Analytics</td>
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<tr>
<td>MISM 3305</td>
<td>Information Resource Management</td>
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<tr>
<td>MISM 4503</td>
<td>Data Communications</td>
<td></td>
</tr>
<tr>
<td>MISM 4506</td>
<td>Introduction to Web Design, Practices, and Standards</td>
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</tr>
<tr>
<td>MISM 3501</td>
<td>Information Visualization for Business</td>
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<tr>
<td>MISM 3515</td>
<td>Data Mining for Business</td>
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<tr>
<td>MKTG 4508</td>
<td>Digital Marketing</td>
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<tr>
<td>SCHM 3301</td>
<td>Global Supply Chain Strategy</td>
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</tr>
<tr>
<td>SCHM 3305</td>
<td>Sourcing and Procurement</td>
<td></td>
</tr>
<tr>
<td>SCHM 3308</td>
<td>Supply Chain Analytics</td>
<td></td>
</tr>
</tbody>
</table>

**CONCENTRATION IN MARKETING**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 3401</td>
<td>Marketing Research</td>
<td>4</td>
</tr>
<tr>
<td>MKTG 3301</td>
<td>Marketing Management</td>
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</tr>
</tbody>
</table>

**Electives**

Complete two of the following: 8

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MKTG 2301</td>
<td>Marketing and Society</td>
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<tr>
<td>MKTG 3301</td>
<td>Marketing Management (if not selected as a required course)</td>
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<tr>
<td>MKTG 3501</td>
<td>Marketing Analytics</td>
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</tr>
<tr>
<td>MKTG 4220</td>
<td>Marketing in Asia</td>
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<tr>
<td>MKTG 4420</td>
<td>Sales Management</td>
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<tr>
<td>MKTG 4502</td>
<td>Marketing in the Service Sector</td>
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<tr>
<td>MKTG 4504</td>
<td>Advertising and Brand Promotion</td>
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<tr>
<td>MKTG 4506</td>
<td>Consumer Behavior (if not selected as a required course)</td>
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<tr>
<td>MKTG 4508</td>
<td>Digital Marketing</td>
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<tr>
<td>MKTG 4510</td>
<td>New Product Development</td>
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</tr>
<tr>
<td>MKTG 4512</td>
<td>International Marketing</td>
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**CONCENTRATION IN SUPPLY CHAIN MANAGEMENT**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>SCHM 3301</td>
<td>Global Supply Chain Strategy</td>
<td>4</td>
</tr>
<tr>
<td>SCHM 3305</td>
<td>Sourcing and Procurement</td>
<td>4</td>
</tr>
<tr>
<td>SCHM 3310</td>
<td>Logistics and Transportation Management</td>
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**Elective**

Complete one of the following: 4

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>SCHM 3308</td>
<td>Supply Chain Analytics</td>
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</tr>
<tr>
<td>SCHM 3320</td>
<td>Demand Planning and Forecasting</td>
<td></td>
</tr>
<tr>
<td>SCHM 3330</td>
<td>Sustainability and Supply Chain Management</td>
<td></td>
</tr>
<tr>
<td>SCHM 4401</td>
<td>Advanced Problems in Supply Chain Management</td>
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