

**Analytics Pathway*
General Concentration**

Catalog Term: 2025-2026

*Subject to Change

| Year 1, Fall Semester | | | | Year 1, Spring Semester | | | |
|--|--|--------------|--|--|--------------------------------------|--------------|--|
| Course | Title | Credit Hours | Prerequisite(s) | Course | Title | Credit Hours | Prerequisite(s) |
| EH 101 | College Writing I | 3 | | ECN 142 | Principles of Macroeconomics | 3 | MA 107 or MA 112 or level 2 MA placement |
| Fine Arts | Elective | 3 | | EH 102 | College Writing II | 3 | EH 101 or EH 101S (C- or better) |
| FYE 101B (Fall Only) | Charger Success | 1 | Transfer students can take BUS 300 (1 hr) instead of FYE 101 | MA 120 | Math Professional Applications | 3 | MA 107 or MA 112 (C- or better) |
| History* | Elective | 3 | | Science w/ Lab | Elective | 4 | |
| IS 146 | Computer Applications in Business | 3 | | Social/Behavioral Science or 2nd History | Elective | 3 | |
| MA 107 or MA 112 | Algebra w/ Applications or Precalculus Algebra | 3 | | | | | |
| Total | | 16 | | Total | | 16 | |
| Year 2, Fall Semester | | | | Year 2, Spring Semester | | | |
| Course | Title | Credit Hours | Prerequisite(s) | Course | Title | Credit Hours | Prerequisite(s) |
| ACC 211 | Financial Accounting | 3 | | ACC 212 | Management Accounting | 3 | ACC 211 |
| BLS 211 | Legal Environment in Business | 3 | | IS 210 | Computer Programming for Business | 3 | IS 146 |
| ECN 143 | Principles of Microeconomics | 3 | MA 107 or MA 112 or level 2 MA placement | IS 301 | Information Systems in Organizations | 3 | IS 146 |
| MSC 287 | Business Statistics I | 3 | MA 107 or MA 112 | Literature* | Elective | 3 | EH 102 or EH 103 or EH 105 (C- or better) |
| Science w/ Lab | Elective | 4 | | MSC 288 | Business Statistics II | 3 | MSC 287 |
| Total | | 16 | | Total | | 15 | |
| Year 3, Fall Semester | | | | Year 3, Spring Semester | | | |
| Course | Title | Credit Hours | Prerequisite(s) | Course | Title | Credit Hours | Prerequisite(s) |
| Humanities/Fine Arts or 2nd Literature | Elective | 3 | | FIN 301 | Principles of Finance | 3 | ECN 143, ACC 211, either MSC 287, SOC 303, PY 300, MA 385, ISE 390 |
| MSC 450 | Intro Analytics & Programming | 3 | MSC 288 or IS 210 | IS 471 | Business Analytics & AI | 3 | IS 301, IS 310, MSC 288 |
| Major Elective (IS 310) | Advanced Programming | 3 | IS 210 | IS 340 | Database Management | 3 | IS 301 |
| MKT 301 | Principles of Marketing | 3 | | Humanities (Non-Literature) | Elective | 3 | |
| MGT 301 | Managing Organizations | 3 | | MSC 385 | Operations Analysis | 3 | MSC 288 |
| Total | | 15 | | Total | | 15 | |
| Year 4, Fall Semester | | | | Year 4, Spring Semester | | | |
| Course | Title | Credit Hours | Prerequisite(s) | Course | Title | Credit Hours | Prerequisite(s) |
| ECN Elective | 300-400 level | 3 | ECN 142, ECN 143 | Free Elective | 100-400 level | 3 | |
| CM 313 | Business & Professional Communications | 3 | | Business Elective | 300-400 level | 3 | |
| EH 300 or EH 301 | Business Writing or Technical Writing | 3 | EH 102 (C- or better), Junior Class Standing | MGT 450 | International Business | 3 | MGT 301, MKT 301, FIN 301 |
| Major Elective | 300-400 level | 3 | | MGT 499 | Competitive Strategy (C- or better) | 3 | MGT 301, MKT 301, FIN 301, IS 301, MSC 385, EH 300 or 301 |
| MSC 469 (Fall Only) | Visualization for Leadership | 3 | IS 210 and either IS 471 (CC) or MSC 450 (CC) | | | | |
| Total | | 15 | | Total | | 12 | |

* Students must complete a two-course sequence in Literature or History.
 Approved Literature sequence is any two Literature courses from EH 207, 208, 209, 210, 242, 241, 243, 244, 245, and 246
 Approved History sequences are HY 103 and 104, or HY 221 and 222.