Analytics Pathway*
General Concentration

Catalog Term: 2024-2025							*Subject to Change

Year 1, Fall Semester

Course	Title	Credit Hours	Prerequisite(s)
EH 101	College Writing I	3	
Fine Arts	Elective	3	
FYE 101	Charger Success	1	Transfer students can take BUS 300 (1 hr) instead of FYE 101
History*	Elective	3	
IS 146	Computer Applications in Business	3	
MA 107 or MA 112	Algebra w/ Applications or Precalculus Algebra	3	
Total		16	

Year 1, Spring Semester

Course	Title	Credit Hours	Prerequisite(s)
ECN 142	Principles of Macroeconomics	3	MA 107 or MA 112
EH 102	College Writing II	3	EH 101 or EH 101S (C- or better)
MA 120	Math Professional Application	3	MA 107 or MA 112 (C- or better)
Science w/ Lab	Elective	4	
Social/Behavioral Science	Elective	3	
Total		16	

Year 2, Fall Semester

Course	Title	Credit Hours	Prerequisite(s)
ACC 211	Financial Accounting	3	
BLS 211	Legal Environment in Business	3	
ECN 143	Principles of Microeconomics	3	MA 107 or MA 112
MSC 287	Business Statistics I	3	MA 107 or MA 112
Science w/ Lab	Elective	4	
Total		16	

Year 2, Spring Semester

Course	Title	Credit Hours	Prerequisite(s)
ACC 212	Management Accounting	3	ACC 211
IS 210	Computer Programming for Business	3	IS 146
IS 301	Information Systems in Organizations	3	IS 146
Literature*	Elective	3	EH 102 or EH 103 or EH 105 (C- or better)
MSC 288	Business Statistics II	3	MSC 287
Total		15	

Year 3, Fall Semester

Course	Title	Credit Hours	Prerequisite(s)
Humanities/Fine Arts	Elective	3	
MSC 450	Intro Analytics & Programing	3	MSC 288 or IS 210
Major Elective	300-400 level	3	
MKT 301	Principles of Marketing	3	
MGT 301	Managing Organizations	3	
Total		15	

Year 3, Spring Semester

Course	Title	Credit Hours	Prerequisite(s)
FIN 301	Principles of Finance	3	ECN 143, ACC 210 or ACC 211, either MSC 287, SOC 303, PY 300, MA 385, ISE 390
IS 471	Business Analytics & AI	3	IS 301, IS 310, MSC 288
IS 340	Database Management	3	IS 301
Humanities (Non-Literature)	Elective	3	
MSC 385	Operations Analysis	3	MSC 288
Total		15	

Year 4, Fall Semester

Course	Title	Credit Hours	Prerequisite(s)
ECN Elective	300-400 level	3	ECN 142, ECN 143
CM 313	Business & Professional Communications	3	
EH 300 or EH 301	Business Writing or Technical Writing	3	EH 102 (C- or better), Junior Class Standing
Major Elective	300-400 level	3	
MSC 469 (Fall Only)	Visualization for Leadership	3	IS 210 and either IS 471 or MSC 450
Total		15	

Year 4, Spring Semester

Course	Title	Credit Hours	Prerequisite(s)
Free Elective	100-400 level	3	
Business Elective	300-400 level	3	
MGT 450	International Business	3	MGT 301, MKT 301, FIN 301
MGT 499	Competitive Strategy (C- or better)	3	MGT 301, MKT 301, FIN 301, EH 300 or 301, IS 301, MSC 385
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.